Before the Oil Conservation Division Examiner Hearing April 4, 2024

Case No. 24336

Olmec Federal Com 701H

Olmec Federal Com 702H

Olmec Federal Com 703H

Olmec Federal Com 704H

Olmec Federal Com 801H

Olmec Federal Com 802H

Olmec Federal Com 803H

Olmec Federal Com 804H

Olmec Federal Com 805H

Olmec Federal Com 806H



STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

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Tab D: Declaration of Deana M. Bennett

• Exhibit D.1: Sample Notice Letter

- Exhibit D.2: Mailing List of Interested Parties
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COMPULSORY POOLING APPLICATION	
ALL INFORMATION IN THE APPLICATION MUST BE SUPP	ORTED BY SIGNED AFFIDAVITS
Case: 24183	APPLICANT'S RESPONSE
Date Date	May 16, 2024
Applicant	Marathon Oil Permian LLC
Designated Operator & OGRID (affiliation if applicable)	Marathon Oil Permian LLC OGRID 372098
Applicant's Counsel:	Modrall, Sperling, Roehl, Harris, & Sisk, P.A.
Case Title:	APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	Northern Oil and Gas, Inc; MRC Permian Company
Nell Family	Olmec
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	Wolfcamp
Pool Name and Pool Code:	Purple Sage; Wolfcamp (Gas)Pool Code 98220
Well Location Setback Rules:	Purple Sage Order and Statewide Rules
Spacing Unit Type (Horizontal/Vertical)	Horizontal
THE RESERVED AND ADDRESS OF THE PROPERTY OF TH	Make mass sant II
Size (Acres)	1280-acres
Building Blocks:	320-Acres
Orientation:	West/East
Description: TRS/County	Section 36, Township 22 South, Range 27 East, N.M.P.M., Eddy County and Section 31, Township 22 South, Range 28 East, N.M.P.M., Eddy County, NM
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes.
Other Situations	MANAGER STATE OF THE STATE OF T
Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	No.
Proximity Defining Well: if yes, description	No.
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1: Omec Federal Com 701H	API No. Pending SHL: 1625' FSL & 769' FWL, Section 36, T-22-S R-27-E FTP: 990' FSL & 330' FWL, Section 36, T-22-S R-27-E BHL: 990' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp XY Completion Status: Standard TVD: 9,225', MVD: 19,477'
Well #2: Omec Federal Com 702H	API No. Pending SHL: 1715' FSL & 768' FWL, Section 36, T-22-S R-27-E FTP: 2350' FSL & 330' FWL, Section 36, T-22-S R-27-E BHL: 2350' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp XY Completion Status: Standard TVD: 9,225', MVD: 19,480'

	OCD Examiner Hearing 5-16-24	
Well #10: Omec Federal Com 806H Horizontal Well First and Last Take Points	API No. Pending SHL: 1061' FNL & 686' FWL, Section 36, T-22-S R-27-E FTP: 1320' FNL & 330' FWL, Section 36, T-22-S R-27-E BHL: 1320' FNL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp B Completion Status: Standard TVD: 9,500', MVD: 19,750' Exhibit B.2	
Well #9: Omec Federal Com 805H	API No. Pending SHL: 1655' FSL & 769' FWL, Section 36, T-22-S R-27-E FTP: 1320' FSL & 330' FWL, Section 36, T-22-S R-27-E BHL: 1320' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp B Completion Status: Standard TVD: 9,510', MVD: 19,761'	
Well #8: Omec Federal Com 804H	API No. Pending SHL: 1031' FNL & 686' FWL, Section 36, T-22-S R-27-E FTP: 990' FNL & 330' FWL, Section 36, T-22-S R-27-E BHL: 990' FNL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp C Completion Status: Standard TVD: 9,845', MVD: 20,078'	
Well #7: Omec Federal Com 803H	API No. Pending SHL: 1121' FNL & 687' FWL, Section 36, T-22-S R-27-E FTP: 2350' FNL & 330' FWL, Section 36, T-22-S R-27-E BHL: 2350' FNL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp C Completion Status: Standard TVD: 9,845', MVD: 20,109'	
Well #6: Omec Federal Com 802H	API No. Pending SHL: 1685' FSL & 768' FWL, Section 36, T-22-S R-27-E FTP: 1650' FSL & 330' FWL, Section 36, T-22-S R-27-E BHL: 1650' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp C Completion Status: Standard TVD: 9,685', MVD: 20,122'	
Well #5: Omec Federal Com 801H	API No. Pending SHL: 1595' FSL & 770' FWL, Section 36, T-22-S R-27-E FTP: 330' FSL & 330' FWL, Section 36, T-22-S R-27-E BHL: 330' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp C Completion Status: Standard TVD: 9,865', MVD: 20,113'	
Well #4: Omec Federal Com 704H	API No. Pending SHL: 1001' FNL & 685' FWL, Section 36, T-22-S R-27-E FTP: 330' FNL & 330' FWL, Section 36, T-22-S R-27-E BHL: 330' FSL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp XY Completion Status: Standard TVD: 9,220', MVD: 19,463'	
	API No. Pending SHL: 1091' FNL & 687' FWL, Section 36, T-22-S R-27-E FTP: 1650' FNL & 330' FWL, Section 36, T-22-S R-27-E BHL: 1650' FNL & 330' FEL, Section 31, T-22-S R-28-E Orientation: West/East Completion Target: Wolfcamp XY Completion Status: Standard TVD: 9,220', MVD: 19,471'	

Completion Target (Formation, TVD and MD)	Exhibit B.6
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	See Exhibit B Paragraph 26
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D.1
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D.1, D.2, D.3 Exhibit D.4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit B.3
Tract List (including lease numbers and owners)	Exhibit B.3
If approval of Non-Standard Spacing Unit is requested, Tract List (includ	ling
lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit B.4
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit B.6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B.3
Chronology of Contact with Non-Joined Working Interests	Exhibit B.5
Overhead Rates In Proposal Letter	Exhibit B.6
Cost Estimate to Drill and Complete	Exhibit B.7
Cost Estimate to Equip Well	Exhibit B.7
Cost Estimate to Equip Well Cost Estimate for Production Facilities	Exhibit B.7
	EXHIBIT 6.7
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C.1
Gunbarrel/Lateral Trajectory Schematic	Exhibit C.2
Well Orientation (with rationale)	Exhibit C.15
Target Formation	Exhibit C.3 to C.6; C.7 to C.10; C.11 to C.14
HSU Cross Section	Exhibit C.5; C.9; C.13
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit B.2
Tracts	Exhibit B.3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B.3
General Location Map (including basin)	Exhibit C.1
Well Bore Location Map	Exhibit C.3; C.7; C.11
Structure Contour Map - Subsea Depth Cross Section Location Map (including wells)	Exhibit C.3; C.7; C.11 Exhibit C.4; C.8; C.12
Cross Section (including Landing Zone)	Exhibit C.5; C.12 Exhibit C.5; C.9; C.13
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in the Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	/s/ Deana M. Bennett
Date:	5/14/2024

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

AF	FID	AV	TT

STATE OF TEXAS)
) ss
COUNTY OF HARRIS)

Samuel Cox, being duly sworn, deposes and states:

- I am over the age of 18, I am a staff land professional for Marathon Oil Permian
 LLC and have personal knowledge of the matters stated herein.
- I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman were accepted as a matter of record.
 - 3. My area of responsibility at Marathon includes Eddy County in New Mexico.
- 4. I am familiar with the application filed by Marathon in this case, which is attached as **Exhibit B.1.**
 - 5. I am familiar with the status of the lands that are subject to this application.
- I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
- 7. The purpose of this application is to force pool working interest owners into the horizontal spacing unit described below, and in the wells to be drilled in the unit.
- In addition, Marathon requests approval of an overlapping spacing unit, to the extent necessary.



- 9. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells.
- 10. In this case, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit comprised of all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico.
 - 11. The spacing unit will be dedicated to the following wells:
 - The Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31;
 - The Olmec Federal Com 702H, Olmec Federal Com 802H and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31;
 - The Olmec Federal Com 703H and Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and
 - The Olmec Federal Com 704H, Olmec Federal Com 804H and Olmec
 Federal Com 806H wells to be horizontally drilled with proposed first take

points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31.

- 12. The producing area for the wells is expected to be orthodox.
- 13. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
 - 14. Attached as **Exhibit B.2** are the proposed C-102s for the wells.
- 15. The C-102s identify the proposed surface hole locations and the bottom hole locations, and the first take points. The C-102s also identify the pool and pool code.
- 16. The wells will develop the Purple Sage Wolfcamp Gas Pool, (Code 98220), which is subject to special pool rules that establish 330-foot setback requirements.
 - 17. The wells will comply with the Division's setback requirements for this pool.
- 18. Marathon's proposed spacing unit in this case will partially overlap a 160-acre horizontal Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162).
- 19. **Exhibit B.3** includes a lease tract map outlining the unit being pooled. Exhibit B.3 also includes the parties being pooled, the nature, and the percent of their interests.
 - 20. Exhibit B.4 is a list of the parties being pooled for this case.
- 21. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact

information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.

- 22. In my opinion, Marathon has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.
- 23. Exhibit B.5 is a summary of my contacts with the working interest owners and the unleased mineral interest owners.
- 24. Exhibit B.6 is a sample of the well proposal letter that was sent to all working interest owners. The proposal letter identifies the proposed first and last take points and approximate TVD/MD for the wells.
- 25. **Exhibit B.7** contains the Authorization for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.
- 26. Marathon requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1000.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Marathon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 27. Marathon requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
 - 28. Marathon requests that it be designated operator of the wells.
- 29. MRC Permian Company ("MRC"), a working interest owner in Marathon's Olmec units, provided a letter in support of Marathon as operator for Marathon's proposed Olmec units.

The support letter is attached as **Exhibit B.8**. MRC stated that it "wishes for its working interest to be considered as committed to Marathon's development plan." *See* Exhibit B.8.

- 30. The parties Marathon is seeking to pool were notified of this hearing.
- 31. Marathon seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.
- 32. Marathon provided notice to the operator and working interest owners of record or known to Marathon in the existing and new wells' spacing units.
- 33. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.
- 34. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.
- 35. The granting of this application is in the interests of conservation and the prevention of waste.

[Signature page follows]

State of Texas

County of Harris

This record was acknowledged before me on May ____, 2024, by Samuel Cox.

[Stamp]



Notary Public in and for the State of 1exas
Commission Number: 132 03472

My Commission Expires:

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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

APPLICATION

Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit comprised of all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. Marathon also seeks, to the extent necessary, approval of an overlapping spacing unit. In support of this application, Marathon states as follows:

- Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
 - Marathon seeks to dedicate the spacing unit to the following wells:
 - a) The Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31;
 - b) The Olmec Federal Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take



- points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31;
- c) The Olmec Federal Com 703H and Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and
- d) The Olmec Federal Com 704H, Olmec Federal Com 804H, and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31.
- 3. The producing area for the wells is expected to be orthodox.
- 4. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
- These wells will be located within the Purple Sage Wolfcamp Gas Pool (Code 98220), which is subject to special pool rules that establish 330-foot setback requirements.
 - These wells will comply with the Division's setback requirements for this pool.
- 7. Marathon's proposed spacing unit in this case will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162).

8. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in

the drilling of the wells or to otherwise commit their interests to the wells.

9. The pooling of all interests in the Wolfcamp formation underlying the proposed

unit and approving the overlapping spacing unit will prevent the drilling of unnecessary wells,

prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an

Examiner of the Oil Conservation Division on April 4, 2024 and after notice and hearing as

required by law, the Division enter its order:

A. Pooling all uncommitted interests in the Wolfcamp formation underlying a

horizontal spacing unit within all of Section 36, Township 22 South, Range 27 East, and all of

Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico;

B. Approving, to the extent necessary, the proposed overlapping spacing unit;

C. Designating Marathon as operator of this unit and the wells to be drilled

thereon;

D. Authorizing Marathon to recover its costs of drilling, equipping and

completing the wells;

E. Approving actual operating charges and costs charged for supervision,

together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

F. Setting a 200% charge for the risk involved in drilling and completing the

wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS

& SISK, P.A.

3

By: Deena M. Bennett

Earl E. DeBrine, Jr Deana M. Bennett Yarithza Peña Post Office Box 2168 500 Fourth Street NW, Suite 1000 Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 edebrine@modrall.com deana.bennett@modrall.com yarithza.pena@modrall.com

Attorneys for Marathon Oil Permian LLC

Page 5 of 5

CASE NO. 24336 : Application of Marathon Oil Permian LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit underlying all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will target the Purple Sage Wolfcamp Gas Pool (Code 98220) and be dedicated to the Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31; the Olmec Federal Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31; the Olmec Federal Com 703H, Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and the Olmec Federal Com 704H, Olmec Federal Com 804H and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31. The producing area for the wells is expected to be orthodox. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162). Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5.45 miles northwest of Loving, New Mexico.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

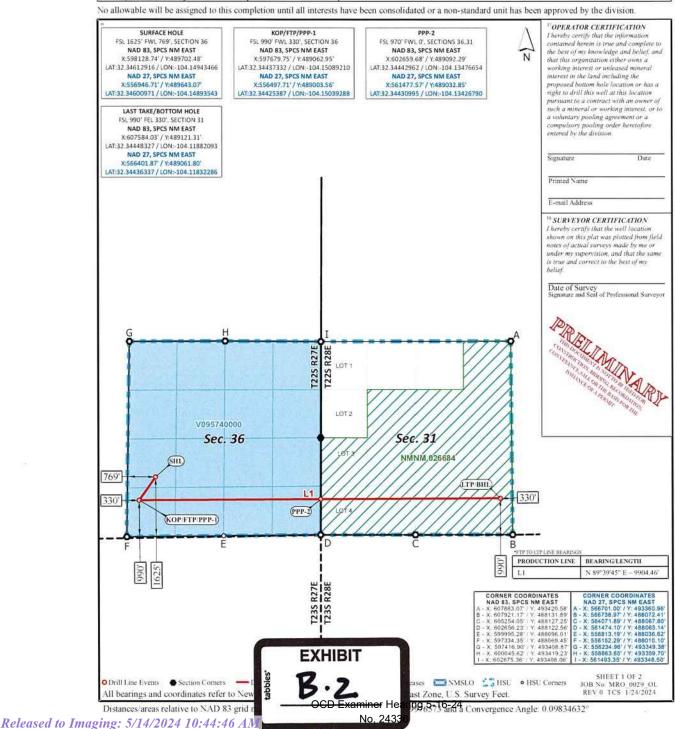
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	98220	PURPLE SAGE; WOLFCAMP (GAS)			
* Property Code		DERAL COM	*Well Sunder 701H		
372098		IL PERMIAN LLC	3078		

¹⁰ Surface Location

	L	36	22S	27E		1625'	SOUTH	769'	WEST	EDDY	
				11 E	Bottom I	lole Location	n If Different F	rom Surface			
ſ	UL or het no.	Section	Learnabin	Range	Lar Ida	Fort from the	Sorth South line	Feet from the	Fast West line	County	_

| Clust beton, | Section | Few public | Range | Let Idn | Feet from the | South Blow | Feet from the | Feet from t



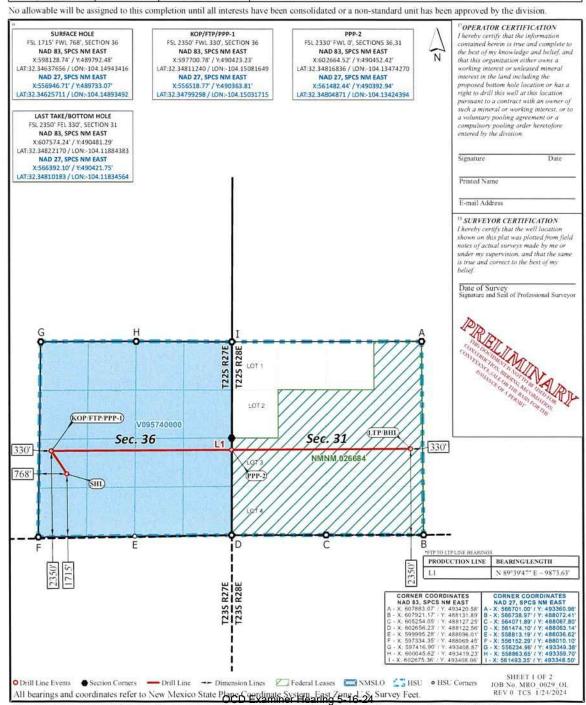
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State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

	API Number			98220		PURPLE SAGE; WOLFCAMP (GAS)				
* Property C	nde		- 57	OI		*Well Number 702H				
37209				MARA	THON OIL		3079'			
		X		10	Surface Lo	ocation	·			
UL or lot on. L	Section 36	22S	27E	Lot Idn	1715'	SOUTH	768'	WEST	EDDY	
		***	11 E	ottom Ho	ole Location	n If Different F	rom Surface			
UL or lot no.	Section 31	22S	28E	Lot Idn	Feet from the 2350'	SOUTH	Feet from the 330'	EAST	EDDY	
Dedicated Acres Joint or Infill 1,276.32			³⁵ Cont	olidation Code	¹⁸ Order No.					



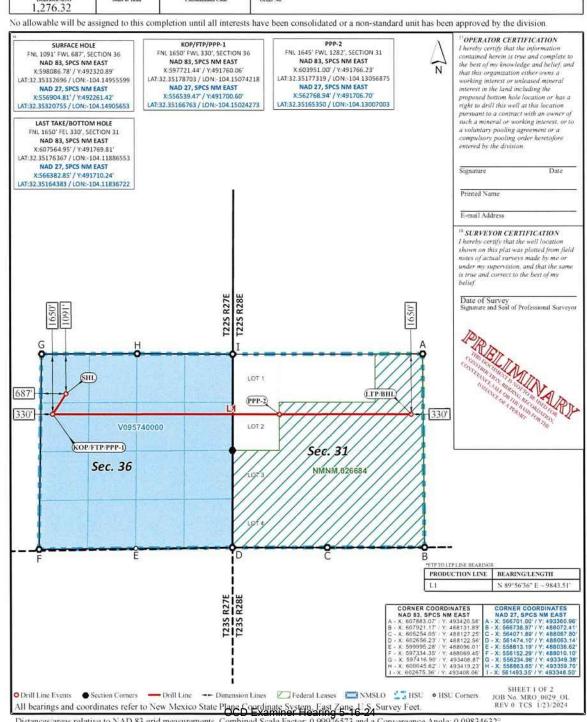
District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rto Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

	Pl Sumber			98220		'Operator Name ON OIL PERMIAN LLC 'face Location from the Narth South line Feet from the East West time				
* Property Co	de			OLMEC FEDERAL COM					703H	
									Elevation 3076'	
				10	Surface Lo	ocation				
D D	Section 36	22S	27E	Lot Ide	1091'		27(25)35(25)35(25)	757507.00000000000000000000000000000000	EDDY	
	Nr. E		11 B	ottom H	ole Locatio	n If Different F	rom Surface			
Ul, or lot no. H	Section 31	22S	28E	Lot ldm	Feet from the 1650'	NORTH	Fact from the 330'	EAST	EDDY	
"Dedicated Acres 1.276.32 "Jaint or Infill "Consolidation Code "Order No.						7.1				



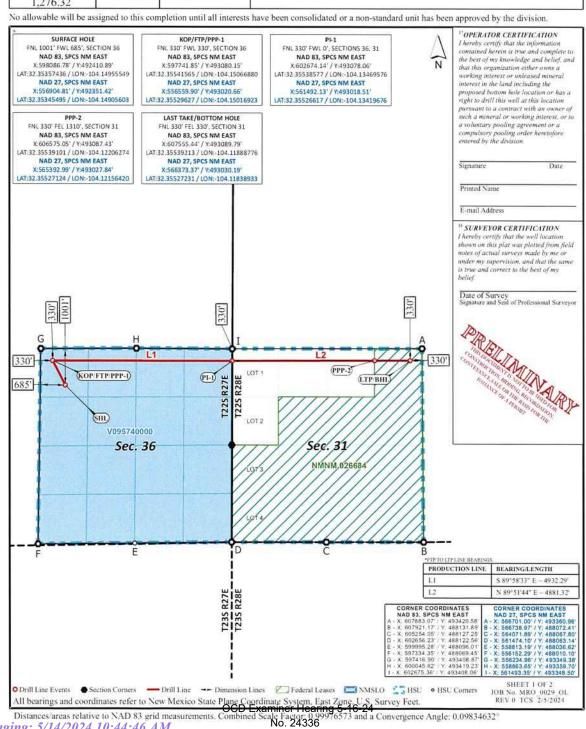
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AMENDED REPORT

	Property Code OGRID No. 372098	98220	PURPLE SAGE; WOLFCAMP (GAS)							
* Property Co	ode			0	LMEC FED		*Well Number 704H			
				MARA		eration Name OIL PERMIAN LLC 3				
				10	Surface Lo	ocation				
D CL or lot no.				Lut ldn	Feet from the 1001'	North/South line NORTH	685'	WEST	EDDY	
			11 E	ottom H	ole Locatio	n If Different F	rom Surface			
CL or lot no.	Section 31			Let ldn	Feet from the 330'	North/South line NORTH	Fact from the 330'	EAST	EDDY	
Dedicated Acres	111	loint or Intill	³⁴ Cons	olidation Code	" Order No.					



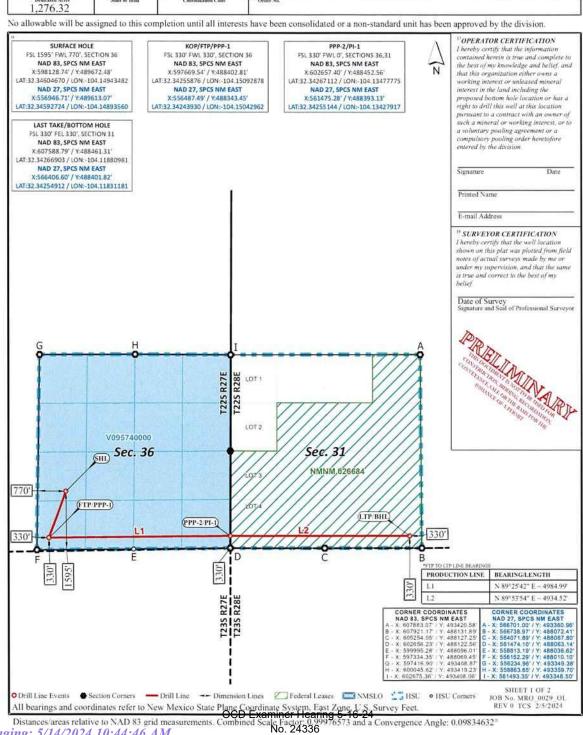
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■ AMENDED REPORT

	CPI Sumber		, , , , , , , , , , , , , , , , , , ,	98220		PURPLE SAGE; WOLFCAMP (GAS)				
* Property Co	ode			O		*Well Number 801H				
37209				MARA	ATHON OIL	PERMIAN LL	C		3077'	
				10	Surface Lo	ocation				
L CL or lot no.	Section 36	22S	27E	Let Idn	1595'	SOUTH	770'	WEST	EDDY	
			11 B	ottom H	ole Location	n If Different F	rom Surface			
UL or lot no.	Section 31	22S	28E	Lot Idn	Feet from the 330'	North/South line SOUTH	Free from the 330'	EAST	EDDY	
12 Dedicated Acres	0.3	oint or Infill	" Cons	elidation Code	18 Oriter No.					



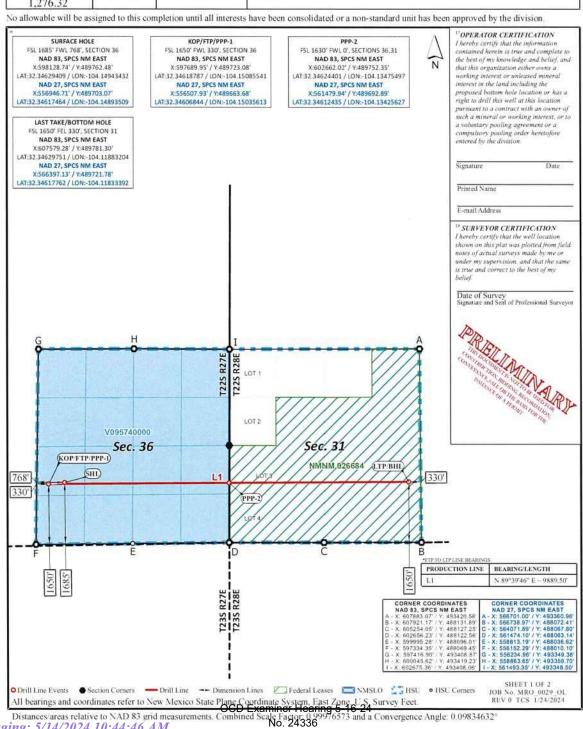
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☐ AMENDED REPORT

1 4	PI Number			98220		PURPLE SAGE; WOLFCAMP (GAS)					
Property Co.	de		,	OL.		*Well Number: 802H					
OGRID No. Operator Name 372098 MARATHON OIL PERMIAN LLC									3079'		
				10	Surface Lo	ocation					
L ar tot no.	Section 36	22S	27E	Let Idn	1685'	SOUTH	768'	WEST	EDDY		
			11 B	ottom Ho	le Location	n If Different F	rom Surface	7			
UL or lot no.	Section 31	22S	28E	Let Idu	1650'	North/South line SOUTH	Feet from the 330'	EAST	EDDY		
Dedicated Acres	-	loint ar Infill	14 Cons	olidation Code	" Order No.						



District I 1625 N. French Dt., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

API Numbe

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

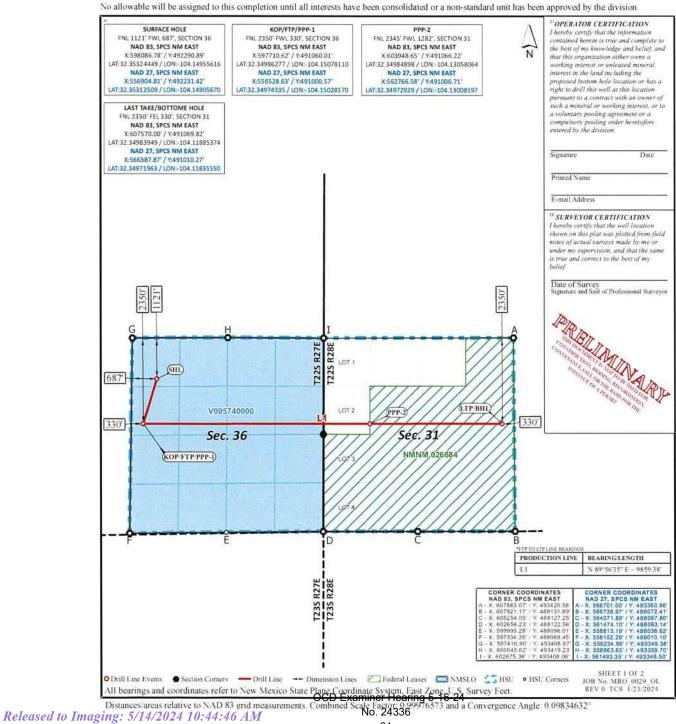
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WELL LOCATION AND ACREAGE DEDICATION PLAT

				98220		PURP	LE SAGE; W	OLFCAMP (G	iAS)
* Property C	ode			O	LMEC FED	ERAL COM			*Well Number 803H
37209				MAR		perator Name OIL PERMIAN LLC 3075'			
)	O Surface Lo	ocation			
D CL or lot no.	Section 36	22S	27E	Let Idn	Feet from the 1121'	North/South line NORTH	687	500000000000000000000000000000000000000	EDDY
			2000						

¹¹ Bottom Hole Location If Different From Surface 31 228 28E 2350' NORTH 330 EDDY EAST 1,276.32



District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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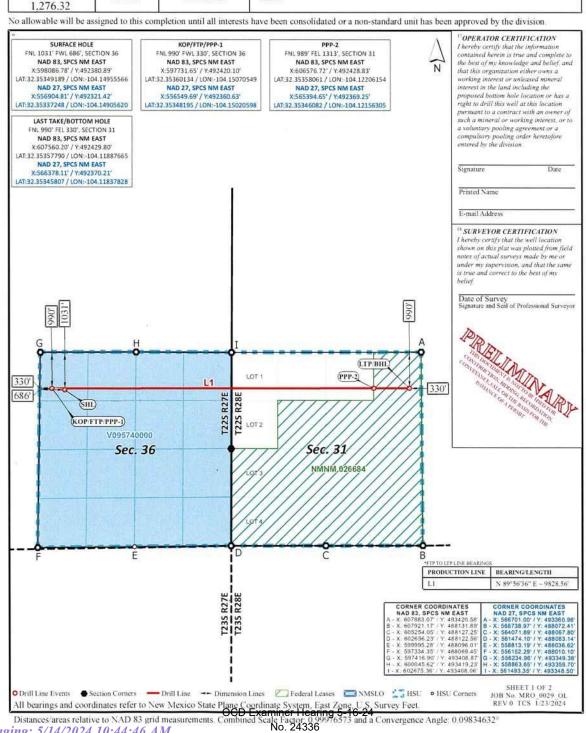
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number Pool Code 98220)	OLFCAMP (G.	MP (GAS)			
* Property C	inde .			C		roperty Name *EDERAL COM 8				
37209				MAR	ATHON OIL	Name L PERMIAN LL	С		3076'	
					10 Surface Lo	ocation				
LL or lot no.	36	22S	27E	Lot Idn	1031'	NORTH	Feet from the 686'	WEST	EDDY	
			11 E	Bottom I	Hole Location	n If Different F	rom Surface	an and the state of the state o		
UL or lot no.	Section	Township	Ranne	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County	

990'

NORTH

330'



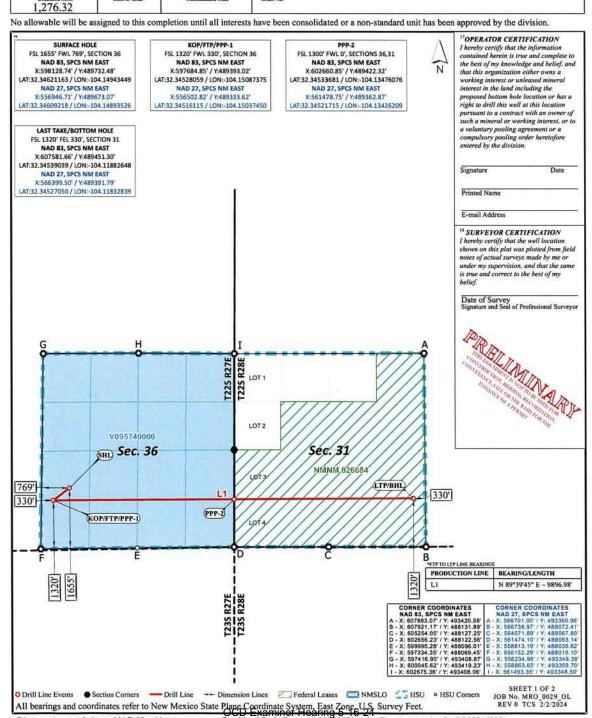
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State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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i.e	Pl Number			98220		EDERAL COM 8051 PERMIAN LLC 2 Location North/South line Feet from the Earl/West line SOUTH 769' WEST					
* Property Co	de			O		Property Name 'Well Number FEDERAL COM 805H					
37209				MARA	THON OIL PERMIAN LLC				3078'		
				10	Surface Lo	ocation					
UL or led no.	Section 36	Township 22S	27E	Lot Idn	Feet from the 1655'	C-05-01-01-01-01-01-01-01-01-01-01-01-01-01-	93003047000000	Variation de la faction de la	EDDY		
			11 B	ottom H	ole Location	n If Different F	rom Surface				
P P	Section 31	Township 22S	28E	Lot Idn	Feet from the 1320'	North/South line SOUTH	Feet from the 330'	East/West line EAST	EDDY		
17 Dedicated Acres	, u	oint or Infill	" Cons	olidation Code	" Order No.		V	111			



District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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■ AMENDED REPORT

	AFF SHARING			98220	220 PURPLE SAGE; WOLFCAMP (GAS)						
Property Ca	ide			Ol		C FEDERAL COM			*Well Sumber 806H		
372098				MARA	3076'						
				10	Surface Lo	ocation					
D CL or lot no.	Section 36	22S	27E	Lot Idn	1061'	NORTH	686'	WEST	EDDY		
2000		- W	11 B	ottom H	ole Locatio	n If Different F	rom Surface	2			
LL or lot no.	Section 31	22S	28E	Lot Idn	1320'	North South line NORTH	330°	EAST	EDDY		
1 276 22	**)	loint or Infill	" Cens	olidation Code	" Order No.						

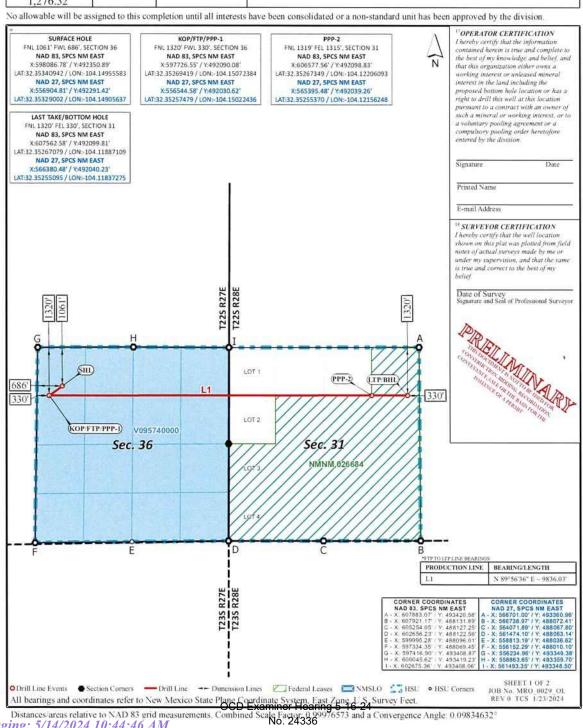
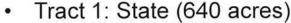


Exhibit "B.3" Lease Tract Map

Tr. 1	С	В	A	Tr. 4	С	В	Tr. 2
Е	F	G	Н	2	Tr. 3	G	Н
L	K	J	Ī	Tr. 5	K		
М	N	О	P	4	N	0	Р

All of Section 36-22S-27E

All of Section 31-22S-28E



Tract 1: State (640 acres)
Tract 2: Fed (120 acres)
Tract 3: Fed (40 acres)
Tract 4: Fee (154.24 acres)
Tract 5: Fed (318.08 acres)





Received by OCD: 5/14/2024 10:05:58 AM

Exhibit "B.3" Summary of Interests

Name	% Interest
Committed Working Interest Owners	18.410463%
Marathon Oil Permian LLC	18.410463%
Uncommitted Working Interest Owners	81.589537%
MRC Permian Company*	50.301811%
OXY USA WTP, LP	31.287726%

^{*}Supports Marathon's development plan and pooling



Received by OCD: 5/14/2024 10:05:58 AM

Exhibit "B.3" Summary of Interests

Committed Working Inte	erest Owners					18.410463%
Interest Owner	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Unit WI
Marathon Oil Permian LLC		50.000000%	50.000000%	100.000000%		18.410463%
Uncommitted Working I	nterest Owners					81.589537%
Interest Owner	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Unit WI
MRC Permian Company	100.000000%					50.301811%
OXY USA WTP, LP		50.000000%	50.000000%		100.000000%	31.287726%



Received by OCD: 5/14/2024 10:05:58 AM

Exhibit "B.3" Summary of Interests

ORRI Owners to be Pooled								
OXY USA WTP, LP	Spinnaker Oil & Gas, LP							
Richardson Mineral & Royalty, LLC	Bantam Royalties, LLC							
Tim Cavanaugh	TLM4, Ltd.							
Colleen Blackman	TAS Royalty Company							
Cathy Jones	Serenity Resources, LLC							
Charles R. Wiggins	Williams WTX, LP							
Richard Donnelly, Trustee Under the George A. Donnelly TA FBO David Preston, Richard Jr. and Martha Brittain Donnelly	Margaret Jones Kennedy							
Richard Donnelly	Ruth S. Bell							
Eastland Oil Company	L.S. Henry, LLC							
Hooker Energy, LLC	Zunis Energy, LLC							
RL & JJ Stevens FP, LP	Susannah D. Adelson, Trustee of the James Adelson 8 Family 2015 Trusts							
MAP2006-OK	SSC, Inc.							
Mike Stewart	Principal Properties, Doug Lauger and Suzanne Laufer							
David Farmer	Andrews Oil, LP							
Robert H. Marshall	Samuel H. Jolliffe, IV							
William L. Porter	Teresa H. Jolliffe							
Melissa O'Kelley	Westall Oil & Gas, LLC							
Katherine Russell Schmidt	Lana Russell							
Deborah Russell Neujahr								



Case 24336: Parties to Be Pooled

Working Interest Owners to Be Pooled

MRC Permian Company OXY USA WTP, LP

ORRI Owners to be Pooled								
OXY USA WTP, LP	Spinnaker Oil & Gas, LP							
Richardson Mineral & Royalty, LLC	Bantam Royalties, LLC							
Tim Cavanaugh	TLM4, Ltd.							
Colleen Blackman	TAS Royalty Company							
Cathy Jones	Serenity Resources, LLC							
Charles R. Wiggins	Williams WTX, LP							
Richard Donnelly, Trustee Under the George A. Donnelly								
TA FBO David Preston, Richard Jr. and Martha Brittain								
Donnelly	Margaret Jones Kennedy							
Richard Donnelly	Ruth S. Bell							
Eastland Oil Company	L.S. Henry, LLC							
Hooker Energy, LLC	Zunis Energy, LLC							
RL & JJ Stevens FP, LP	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts							
MAP2006-OK	SSC, Inc.							
Mike Stewart	Principal Properties, Doug Lauger and Suzanne Laufer							
David Farmer	Andrews Oil, LP							
Robert H. Marshall	Samuel H. Jolliffe, IV							
William L. Porter	Teresa H. Jolliffe							
Melissa O'Kelley	Westall Oil & Gas, LLC							
Katherine Russell Schmidt	Lana Russell							
Deborah Russell Neujahr								



Name	% Interest	Proposal Letter Sent	Proposal Letter Received	Follow Up
MRC Permian Company	50.301811%	9/26/2023		Well proposal sent 9/26/2023 and received on 10/6/2023. Discussed development timing and operations support agreemen on 3/25/24. Provided support letter for Marathon's development
OXY USA WTP, LP	31.287726%	9/26/2023		Well proposal sent 9/26/2023 and received on 10/30/2023. Discussed development timing and interest owned on 11/7/2023





Summary of Contacts

Summary of Contacts

- Marathon conducted extensive title work to determine the working interest owners and other interest owners.
- Marathon searched public records, phone directory, and various types of internet searches.
- Marathon sent well proposal letters to the working interest owners on or around September 26, 2023.
- Marathon proposed general terms of a Joint Operating Agreements (JOA) within the well proposal letters sent to working interest owners.
- Marathon has discussed the general terms of the JOA, with the intent of finalizing the JOA prior to spud (subject to final approvals), with those working interest owners wishing to execute JOAs
- Marathon had multiple communications with the uncommitted working interest owners, which I have outlined in the chart below.
- Marathon filed applications to force pool parties who had not entered into an agreement.
- Marathon's counsel sent notices of the force pooling applications to the addresses of record for the uncommitted interest owners and also for overriding royalty interest owners.
- Marathon also published notice in a newspaper of general circulation in the county where the wells will be located.



Marathon Oil

Samuel A. Cox Senior Land Professional Land - Permian

Marathon Oil Company 990 Town & Country Blvd. Houston, Texas 77024 713.296.3152 (o) scox1@marathonoil.com

DELIVERED VIA CERTIFIED MAIL

September 26, 2023

Owner Name Address Line 1 Address Line 2

Re:

Olmec Federal Com 701H, 702H, 703H, 704H,

801H, 802H, 803H, 804H, 805H & 806H (the "Wells")

Participation Proposal

Sections 36-T22S-R27E & 31-T22S-R28E

Eddy County, New Mexico

Dear Sir/Madam:

Marathon Oil Permian LLC ("Marathon") proposes the drilling, completion, and equipping of the Wells to test the following formations, at a legal location in Section 36, Township 22 South, Range 27 East, and Section 31, Township 22 South, Range 28 East, Eddy County, New Mexico (the "Subject Lands), as follows:

WELL NAME	First Take Point		Last Tal	ke Point	TVD	MD	Target Interval
Olmec Federal Com 803H	330' FWL Section 36	2350' FNL Section 36	330' FWL Section 31	2350' FNL Section 31	9,845'	20,109'	Wolfcamp C
Olmec Federal Com 703H	330' FWL Section 36	1650' FNL Section 36	330' FWL Section 31	1650' FNL Section 31	9,220'	19,471'	Wolfcamp XY
Olmec Federal Com 806H	330' FWL Section 36	1320' FNL Section 36	330' FWL Section 31	1320' FNL Section 31	9,500	19,750'	Wolfcamp B
Olmec Federal Com 804H	330' FWL Section 36	990' FNL Section 36	330' FWL Section 31	990' FNL Section 31	9,845'	20,078'	Wolfcamp C
Olmec Federal Com 704H	330' FWL Section 36	330' FNL Section 36	330' FWL Section 31	330' FNL Section 31	9,220'	19,463'	Wolfcamp XY
Olmec Federal Com 801H	330' FWL Section 36	330' FSL Section 36	330' FWL Section 31	330' FSL Section 31	9,865'	20,113'	Wolfcamp C
Olmec Federal Com 701H	330' FWL Section 36	990' FSL Section 36	330' FWL Section 31	990' FSL Section 31	9,225'	19,477'	Wolfcamp XY
Olmec Federal Com 805H	330' FWL Section 36	1320' FSL Section 36	330' FWL Section 31	1320' FSL Section 31	9,510'	19,761'	Wolfcamp B
Olmec Federal Com 802H	330' FWL Section 36	1650' FSL Section 36	330' FWL Section 31	1650' FSL Section 31	9,685'	20,122'	Wolfcamp C
Olmec Federal Com 702H	330' FWL Section 36	2350' FSL Section 36	330' FWL Section 31	2350' FSL Section 31	9,225'	19,480'	Wolfcamp XY

Authority for Expenditure (AFEs)

EXHIBIT

5-16 2 B · 6

Enclosed with this letter is an Authority for Expenditure ("AFE") for each of the proposed Wells. Please be aware that the enclosed AFEs are only an estimate of costs to be incurred, and by electing to participate, you shall be responsible for your proportionate share of all actual costs incurred.

Voluntary Agreement of Compulsory Pooling

Marathon will provide, upon request, a proposed Joint Operating Agreement ("JOA") for development of the Subject Lands that will include the following basic terms:

- · Marathon Oil Permian LLC to be named as Operator
- Contract Area begin the Subject Lands
- . As a charge for the risk involved in drilling the well, 300% of the above costs
- \$10,000 per month drilling overhead rates and \$1,000 per month producing overhead rates, adjusted annually pursuant to Section III.1.A.3 of COPAS form titled "Accounting Procedure-Joint Operations."

If you would like to discuss a farmout, an assignment of interest, an acreage trade or other form of agreement for your interests in the Subject Lands, please contact the undersigned. If Marathon is unable to reach a voluntary agreement for the development of the Subject Lands with all the interest owners in the proposed spacing unit, Marathon will file an application with the New Mexico Oil Conservation Division for an order pooling the Subject Lands.

Election Instructions

Please use the attached ballot to indicate your desire to participate in each of the proposed wells and return a signed AFE for each well in which you elect to participate. If we do not receive a response from you within thirty (30) days, we will proceed with the necessary proceedings to pool your interests in the proposed spacing unit for the initial wells.

Should you elect to participate, your interest will automatically be covered by the Operator's insurance unless and until you provide written notice to Operator to the contrary, together with a valid, current insurance certificate from your insurance carrier in compliance with Operator's minimum insurance requirements.

Should you have any questions regarding the above, please do not hesitate to contact me at the information provided at the top of this letter.

Best Regards,

Marathon Oil Permian LLC

Samuel A. Cox

Senior Land Professional

Owner Name hereby elects to:
Not to participate in the OLMEC FEDERAL COM 803H Well.
Participate in the OLMEC FEDERAL COM 803H Well by paying its proportionate share of all actuators.
Not to participate in the OLMEC FEDERAL COM 703H Well.
Participate in the OLMEC FEDERAL COM 703H Well by paying its proportionate share of all actu- costs.
Not to participate in the OLMEC FEDERAL COM 806H Well.
Participate in the OLMEC FEDERAL COM 806H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 804H Well.
Participate in the OLMEC FEDERAL COM 804H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 704H Well.
Participate in the OLMEC FEDERAL COM 704H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 801H Well.
Participate in the OLMEC FEDERAL COM 801H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 701H Well.
Participate in the OLMEC FEDERAL COM 701H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 805H Well.
Participate in the OLMEC FEDERAL COM 805H Well by paying its proportionate share of all actu costs.
Not to participate in the OLMEC FEDERAL COM 802H Well.
Participate in the OLMEC FEDERAL COM 802H Well by paying its proportionate share of all actu- costs.
Not to participate in the OLMEC FEDERAL COM 702H Well.
Participate in the OLMEC FEDERAL COM 702H Well by paying its proportionate share of all actu- costs.
By:
Title:

Print Name:			
Date:			

133,555 54,420 45,350 9,070 25,101 63,489 27,210 18,140 45,350 108,839 145.119 18.140 54,420 5,442 18,140 38,547 18,140 21,541 172,328 9,070 180,945 60,315 21,541 401,407

9/26/2023 MARATHON OIL PERMIAN LLC DATE **AUTHORITY FOR EXPENDITURE** DRILLING & LOCATION PREPARED BY COURT NELSON COMPLETION PREPARED BY KRISTEN DRAIN **DETAIL OF ESTIMATED WELL COSTS** FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE PERMIAN Asset Team EXPLORATION FORMATION: WXY WILDCAT Field Wolfcamp RECOMPLETION DEVELOPMENT Lease/Facility OLMEC FEDERAL COM 701H 36-225-27E, 31-225-28E EXPLOITATION WORKOVER Location Prospect Malaga Est Completion Days **Est Total Depth** 19,400 Est Drilling Days 21.25 LOCATION COST - INTANGIBLE DESCRIPTION ESTIMATED COST GL CODE 7001270 Location and Access 7001250 Land Broker Fees and Services 0 0 TOTAL LOCATION COST - INTANGIBLE \$0 **DRILLING COST - TANGIBLE** 7001270 **Conductor Pipe** 45,350 47,164 7012050 **Surface Casing** Intermediate Casing 1 192,282 7012050 7012050 Intermediate Casing 2 943,272 7012050 **Production Casing** 7012050 Drlg Liner Hanger, Tieback Eq & Csg Accessories 43,536 7012550 **Drilling Wellhead Equipment** 99,769 7012040 Casing & Tubing Access Miscellaneous MRO Materials 9,070 7290003 TOTAL DRILLING - TANGIBLE \$1,380,442 **DRILLING COST - INTANGIBLE** 7290002 181,398 1,033,971 294,954 27,210 45,350 272,098 120,176 77,548 217.678 72,559

	7290002	
	7290002	====
	7019040	
	7019020	
	7019020	
	7019020	
	7019020	
	7019140	
	7012310	
	7012020	
	7019010	
	7016350	
	7019140	
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	7016180	
	7001460	
	7001160	
	7001440	
	7000030	
	7000010	
	7001200	
	7019300	
=	7019350	
	7290003	
	7260001	
	7001110	
	7001120	
	7001400	
	7330002	
	7019310	
	7011010	
	7011010	

Drilling Rig Mob/Demob	
Drilling Rig - day work/footage	
Directional Drilling Services	
Cement and Cementing Service Surface	
Cement and Cementing Service Interme	diate 1
Cement and Cementing Service Interme	
Cement and Cementing Service Product	ion
Mud Fluids & Services	
Solids Control equipment	
Bits	
Casing Crew and Services	
Fuel (Rig)	
Fuel (Mud)	
Water (non potable)	
Water (potable)	
Well Logging Services	
Mud Logging+geosteering	
Stabilizers, Hole Openers, Underreame	rs (DH rentals)
Casing Inspection/cleaning	
Drill pipe/collar inspection services	
Freight - truck	
Water hauling and disposal (includes so	oil farming)
Contract Services - Disposal/Non-Haza	dous Waste
Vacuum Trucks	
Contract Labor - general	
Contract Labor - Operations	
Contract Services - Facilities	
Well Services - Well Control Services	
Well Services - Well/Wellhead Services	
Rental Tools and Equipment (surface re	entals)
Rig Equipment and Misc.	
Telecommunications Services	
Consulting Services	
Safety and Environmental	
Rental Buildings (trailers)	
Coring (sidewalls & analysis)	
8% Contingency & Taxes	A STATE OF THE STA

	TOTAL DRILLING - INTANGIBLE	\$4,038,558
	TOTAL DRILLING COST	\$5,419,000
MARATHON OIL PERMIAN LLC		DATE 9/26/2023
AUTHORITY FOR EXPENDITURE DETAIL OF ESTIMATED WELL COSTS		***************************************
Asset Team	PERMIAN	
Field	FORMATION: WXY	
Lease/Facility	#REF!	
COMPLETION - TANGIBLE		
GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	
7012040	Tubing Accessories (nipple, wireline entry)	
7012550 7012560	Wellhead Equip Packers - Completion Equipment	15,000
7012300		*
	TOTAL COMPLETION - TANGIBLE	\$15,000
COMPLETION - INTANGIBLE		
7001270	Location and Access (dress location after rig move, set anchors)	9,656
7290002	Drilling Rig During Completion	26 02
7019140	Mud Fluids & Services	
7019030 7019240	Coiled Tubing Services (3 runs) Snubbing Services	151,739
7019240	Pulling/Swab Units	
7016350	Fuel (from drig)	
7019010	Casing Crew and Services	•
7019020	Cement and Cementing Services	
7019080	Well Testing Services (flow hand & equip)	617,426
7390002	Fracturing Services	3,969,910
7019330	Perforating	180,331
7019360	Wireline Services	461,266
7001460 7016180	Water Hauling & Disposal (frac fluids) Freight - Truck (haul pipe; drlg & compl)	461,200
7290003	BOP Rental & Testing	
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	•
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	44,832
7290003	Contract Labor - general	
7000030	Telecommunications Services	34,486
7001110	Safety and Environmental	
7001400 7001120	Consulting Services Zipper Manifold	90,698
701120	Frack Stack Rentals	117,253
7016180	Freight (Transportation Services)	6,621
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	175,414
7330002	Rental Buildings (trailers)	
7000030	Contract Labor - Pumping (pump-down pumps)	34,486
7011010	8% Contingency & Taxes	
	TOTAL COMPLETION - INTANGIBLE	\$6,029,834
	TOTAL COMPLETION COST	\$6,044,834
SURFACE EQUIPMENT - TANGIBLE		:
7012350		159,015
7012330	Misc. Piping, Fittings & Valves Company Labor & Burden	
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (Telemetry)	
7012410	Line Pipe & Accessories	46,039
7012270	Miscellaneous Materials (containment system)	47,952
7008060	SCADA	15,170
7016180	Freight - truck	15,859
7001190	Contract Engineering	9,824
7012290	Metering and Instrumentation	269,09

7012290	I&E Materials		157,845
7012200	Gas Treating		
7012200	Dehydration		- 3.
7012010	Compressor	-	18,262
7012350	Power	-	
7012610	Vapor Recovery Unit	-	
7012440	Separator & other pressure vessels		255,150
7012500	Tanks		44,912
7012100	Heater Treater	-	132,741
7012100			
	Flare & Accessories		19,282
, 7000010	Electrical Labor		87,218
7000010	Mechanical Labor		188,608
7012480	Rod Pumping unit & Pad		
7012180	Pumping Unit Engine		
7012350	Electrical Power (electrical cooperative construction costs)		35,332
	TOTAL SURFACE EQUIPMENT - TANGIBLE	-	\$1,675,000
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
ARTIFICIAL LIFT			-
7000070	Control labor		3 000
7000030	Contract Labor	_	3,000
7001120	Consultant	_	2,400
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment		157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight	-	3,000
7018150	Rentals		3,600
7019130	Kill Fluid		1,200
7019220	Well Services & Rig		14,400
	TOTAL ARTIFICIAL LIFT	_	255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
	TOTAL LOCATION COST	\$	
	TOTAL DRILLING COST	\$	5,419,000
	TOTAL COMPLETIONS COST	\$	6,044,834
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
	CHARLES AND A CONTROL OF THE CONTROL	\$	
	TOTAL ARTIFICIAL LIFT COST	. 2	255,000
	GRAND TOTAL COST		\$13,393,834

9/26/2023 DATE MARATHON OIL PERMIAN LLC **AUTHORITY FOR EXPENDITURE** DRILLING & LOCATION PREPARED BY COURT NELSON **DETAIL OF ESTIMATED WELL COSTS** COMPLETION PREPARED BY KRISTEN DRAIN FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE PERMIAN Asset Team FORMATION: WXY WILDCAT **EXPLORATION** Field Wolfcamp OLMEC FEDERAL COM 702H DEVELOPMENT RECOMPLETION Lease/Facility WORKOVER Location 36-225-27E, 31-225-28E EXPLOITATION Prospect Malaga Est Total Depth 19,400 **Est Drilling Days** 21.25 **Est Completion Days LOCATION COST - INTANGIBLE** GL CODE DESCRIPTION ESTIMATED COST 7001270 Location and Access 7001250 Land Broker Fees and Services 0 0 TOTAL LOCATION COST - INTANGIBLE \$0 DRILLING COST - TANGIBLE 7001270 45,350 7012050 **Surface Casing** 47,164 Intermediate Casing 1 7012050 192,282 7012050 Intermediate Casing 2 943,272 7012050 **Production Casing** 7012050 Drlg Liner Hanger, Tieback Eq & Csg Accessories 7012550 **Drilling Wellhead Equipment** 43.536 99,769 7012040 Casing & Tubing Access Miscellaneous MRO Materials 9,070 7290003 \$1,380,442 **TOTAL DRILLING - TANGIBLE DRILLING COST - INTANGIBLE** Drilling Rig Mob/Demob 7290002 181,398 1,033,971 7290002 Drilling Rig - day work/footage 7019040 **Directional Drilling Services** 294,954 7019020 Cement and Cementing Service Surface 27,210 7019020 Cement and Cementing Service Intermediate 1 45,350 7019020 Cement and Cementing Service Intermediate 2 272.098 7019020 Cement and Cementing Service Production 7019140 Mud Fluids & Services 120,176 77,548 7012310 Solids Control equipment 217,678 7012020 Bits **Casing Crew and Services** 72,559 7019010 7016350 133,555 Fuel (Rig) 7019140 Fuel (Mud) 54,420 45,350 Water (non potable) 7001460 9,070 7012350 Water (potable) 7019000 **Well Logging Services** 7019150 Mud Logging+geosteering 25,101 Stabilizers, Hole Openers, Underreamers (DH rentals) 63,489 7019250 27,210 7019110 Casing inspection/cleaning 7019110 Drill pipe/collar inspection services 18.140 45,350 7016180 Water hauling and disposal (includes soil farming) 108,839 7001460 145,119 7001160 Contract Services - Disposal/Non-Hazardous Waste 7001440 Vacuum Trucks 18,140 Contract Labor - general 7000030 54,420 7000010 **Contract Labor - Operations** 5,442 18,140 7001200 **Contract Services - Facilities** Well Services - Well Control Services 38.547 7019300 7019350 Well Services - Well/Wellhead Services 18,140 21,541 7290003 Rental Tools and Equipment (surface rentals) 7260001 Rig Equipment and Misc. 172,328 9,070 7001110 **Telecommunications Services** 7001120 **Consulting Services** 180.945 Safety and Environmental 60,315 7001400 7330002 Rental Buildings (trailers) 21,541 7019310 Coring (sidewalls & analysis) 401,407 7011010 8% Contingency & Taxes

	TOTAL DRILLING - INTANGIBLE		\$4,038,558
	TOTAL DRILLING COST		\$5,419,000
MARATHON OIL PERMIAN LLC		DATE	9/26/2023
AUTHORITY FOR EXPENDITURE			SILUILOLS
DETAIL OF ESTIMATED WELL COSTS			
sset Team	PERMIAN		
ield	FORMATION: WXY		
ease/Facility	#REF!		
COMPLETION - TANGIBLE			
GL CODE	DESCRIPTION		ESTIMATED COST
7012580	Tubing		
7012040	Tubing Accessories (nipple, wireline entry)		
7012550	Wellhead Equip		15,000
7012560	Packers - Completion Equipment	_	
	TOTAL COMPLETION - TANGIBLE	=	\$15,000
COMPLETION - INTANGIBLE			
7001270	Location and Access (dress location after rig move, set anchors)		9,656
7290002	Drilling Rig During Completion	-2	
7019140	Mud Fluids & Services	-9 9-	
7019030	Coiled Tubing Services (3 runs)		151,739
7019240	Snubbing Services		-
7019270	Pulling/Swab Units		
7016350	Fuel (from drlg)	-0 -	9
7019010	Casing Crew and Services		94
7019020	Cement and Cementing Services	_7	
7019080	Well Testing Services (flow hand & equip)	-77	617,426
7390002	Fracturing Services	<u> </u>	3,969,910
7019330	Perforating	→ 0 ±	180,331
7019360	Wireline Services		7022-222
7001460	Water Hauling & Disposal (frac fluids)		461,266
7016180	Freight - Truck (haul pipe; drlg & compl)	-8	
7290003	BOP Rental & Testing		
7290003	Rental Tools and Equipment (incl drig; lightplant, hydra-walk)	-8 -	44,832
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)		44,832
7290003	Contract Labor - general		34,486
7000030	Telecommunications Services	- 2	34,486
7001110 7001400	Safety and Environmental	-: :-	90,698
The second secon	Consulting Services	_	135,715
7001120	Zipper Manifold		117,253
7019300	Frack Stack Rentals		7,100
7016180 7260001	Freight (Transportation Services) Equipment Rental (w/o operator, frac tanks, lightplants)		6,621 175,414
7330002	Rental Buildings (trailers)		1/3,414
7000030	Contract Labor - Pumping (pump-down pumps)		34,486
7011010	8% Contingency & Taxes	_ =	32.31.33
	TOTAL COMPLETION - INTANGIBLE	a	\$6,029,834
			¥2552555
	TOTAL COMPLETION COST	8	\$6,044,834
SURFACE EQUIPMENT - TANGIBLE			
7012350	Misc. Piping, Fittings & Valves	_	159,015
7006640	Company Labor & Burden		
7000030	Contract Labor - General		172,698
7001110	Telecommunication equip (Telemetry)		
7012410	Line Pipe & Accessories	-	46,035
7012270	Miscellaneous Materials (containment system)		47,95
7008060	SCADA	_	15,170
7016180	Freight - truck		15,859
7001190	Contract Engineering	_	9,824
7012290	Metering and Instrumentation		269,097

7012290	I&E Materials		157,845
7012200	Gas Treating		
7012200	Dehydration		-
7012010	Compressor		18,262
7012350	Power		
7012610	Vapor Recovery Unit		
7012440	Separator & other pressure vessels		255,150
7012500	Tanks		44,912
7012100	Heater Treater		132,741
7012640	Flare & Accessories		19,282
0.0000000000000000000000000000000000000	Electrical Labor		87,218
7000010			
7000010	Mechanical Labor	-	188,608
7012480	Rod Pumping unit & Pad		-
7012180	Pumping Unit Engine		7.0
7012350	Electrical Power (electrical cooperative construction costs)		35,332
	TOTAL SURFACE EQUIPMENT - TANGIBLE	î -	\$1,675,000
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
ARTIFICIAL LIFT			
7000030	Contract Labor		3,000
		-	
7001120	Consultant	~	2,400
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment		157,200
7012350	Materials & Supplies	-	1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight		3,000
7018150	Rentals		3,600
7019130	Kill Fluid		1,200
7019220	Well Services & Rig		14,400
	TOTAL ARTIFICIAL LIFT		255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	Т	OTAL COST
	TOTAL LOCATION COST	\$	22
			F 410 000
	TOTAL DRILLING COST	\$	5,419,000
	TOTAL COMPLETIONS COST	\$	6,044,834
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	GRAND TOTAL COST		\$13,393,834
	GRAND TOTAL COST		\$15,555,834

MARATHON OIL PERMIAN LLC DATE 9/26/2023 **AUTHORITY FOR EXPENDITURE** DRILLING & LOCATION PREPARED BY COURT NELSON **DETAIL OF ESTIMATED WELL COSTS** COMPLETION PREPARED BY KRISTEN DRAIN FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE Asset Team PERMIAN Field FORMATION: WXY Wolfcamp WILDCAT EXPLORATION OLMEC FEDERAL COM 703H DEVELOPMENT Lease/Facility RECOMPLETION Location 36-22S-27E, 31-22S-28E **EXPLOITATION** WORKOVER Prospect Malaga Est Total Depth 19,400 **Est Drilling Days** 21.25 **Est Completion Days LOCATION COST - INTANGIBLE** GL CODE DESCRIPTION ESTIMATED COST 7001270 **Location and Access** 7001250 Land Broker Fees and Services 0 0 TOTAL LOCATION COST - INTANGIBLE \$0 **DRILLING COST - TANGIBLE** 7001270 **Conductor Pipe** 45,350 7012050 Surface Casing 47,164 7012050 Intermediate Casing 1 192,282 7012050 Intermediate Casing 2 7012050 **Production Casing** 943.272 7012050 Drlg Liner Hanger, Tieback Eq & Csg Accessories **Drilling Wellhead Equipment** 43,536 7012550 7012040 Casing & Tubing Access 99,769 7290003 Miscellaneous MRO Materials 9,070 **TOTAL DRILLING - TANGIBLE** \$1,380,442 **DRILLING COST - INTANGIBLE** 7290002 Drilling Rig Mob/Demob 181,398 7290002 Drilling Rig - day work/footage 1,033,971 7019040 **Directional Drilling Services** 294,954 7019020 Cement and Cementing Service Surface 27,210 7019020 Cement and Cementing Service Intermediate 1 45,350 7019020 Cement and Cementing Service Intermediate 2 7019020 Cement and Cementing Service Production 272,098 7019140 **Mud Fluids & Services** 120,176 7012310 **Solids Control equipment** 77,548 7012020 Bits 217,678 7019010 **Casing Crew and Services** 72,559 7016350 Fuel (Rig) 133,555 7019140 Fuel (Mud) 54,420 7001460 Water (non potable) 45,350 7012350 Water (potable) 9,070 7019000 **Well Logging Services** 7019150 Mud Logging+geosteering 25,101 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019250 63,489 7019110 Casing inspection/cleaning 27,210 7019110 Drill pipe/collar inspection services 18,140 7016180 Freight - truck 45,350 7001460 Water hauling and disposal (includes soil farming) 108,839 7001160 Contract Services - Disposal/Non-Hazardous Waste 145,119 7001440 Vacuum Trucks 18,140 7000030 Contract Labor - general 54,420 7000010 5,442 **Contract Labor - Operations** 7001200 Contract Services - Facilities 18,140 7019300 Well Services - Well Control Services 38,547 7019350 Well Services - Well/Wellhead Services 18,140 7290003 21,541 Rental Tools and Equipment (surface rentals) 7260001 Rig Equipment and Misc. 172,328 7001110 **Telecommunications Services** 9,070 7001120 180,945 **Consulting Services** 7001400 Safety and Environmental 60,315 7330002 Rental Buildings (trailers) 21,541 7019310 Coring (sidewalls & analysis) 7011010 8% Contingency & Taxes 401,407

	TOTAL DRILLING - INTANGIBLE	_	\$4,038,558
	TOTAL DRILLING COST		\$5,419,000
MARATHON OIL PERMIAN LLC		DATE	9/26/2023
AUTHORITY FOR EXPENDITURE		DATE	9/26/2023
DETAIL OF ESTIMATED WELL COSTS			
Asset Team	PERMIAN		
Field	FORMATION: WXY		
Lease/Facility	#REF!		
COMPLETION - TANGIBLE			
GL CODE	DESCRIPTION		ESTIMATED COST
7012580	Tubing	,	STIMATED COST
7012040	Tubing Accessories (nipple, wireline entry)		-
7012550	Wellhead Equip	-:-	15,000
7012560	Packers - Completion Equipment		
	TOTAL COMPLETION - TANGIBLE	_	\$15,000
COMPLETION - INTANGIBLE			727,000
7004770			
7001270 7290002	Location and Access (dress location after rig move, set anchors)	-8 8	9,656
7290002	Drilling Rig During Completion Mud Fluids & Services	→ 0:	(B)
7019030	Coiled Tubing Services (3 runs)	- 0 8	151,739
7019240	Snubbing Services		
7019270	Pulling/Swab Units	_	-
7016350	Fuel (from drlg)	-8	
7019010	Casing Crew and Services		
7019020	Cement and Cementing Services		
7019080	Well Testing Services (flow hand & equip)	_	617,426
7390002	Fracturing Services	<u> </u>	3,969,910
7019330	Perforating		180,331
7019360	Wireline Services		
7001460	Water Hauling & Disposal (frac fluids)		461,266
7016180	Freight - Truck (haul pipe; drlg & compl)		
7290003	BOP Rental & Testing	_	
7290003	Rental Tools and Equipment (incl drlg; lightplant, hydra-walk)		-
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)		44,832
7290003	Contract Labor - general	_	
7000030	Telecommunications Services	_	34,486
7001110	Safety and Environmental		
7001400	Consulting Services		90,698
7001120	Zipper Manifold		135,715
7019300	Frack Stack Rentals		117,253
7016180	Freight (Transportation Services)		6,621
7260001 7330002	Equipment Rental (w/o operator, frac tanks, lightplants) Rental Buildings (trailers)		175,414
7000030	Contract Labor - Pumping (pump-down pumps)		34,486
7011010	8% Contingency & Taxes	_	34,480
	TOTAL COMPLETION - INTANGIBLE	_	\$6,029,834
	TOTAL COMPLETION COST		¢6 044 934
SURFACE EQUIPMENT - TANGIBLE	TOTAL COMPLETION COST	-	\$6,044,83
7012350	Misc. Piping, Fittings & Valves		159,015
7006640	Company Labor & Burden		
7000030	Contract Labor - General		172,698
7001110	Telecommunication equip (Telemetry)		
7012410	Line Pipe & Accessories	_ =	46,035
7012270	Miscellaneous Materials (containment system)	_	47,952
7008060	SCADA		15,170
7016180	Freight - truck		15,859
7001190	Contract Engineering		9,824
7012290	Metering and Instrumentation		269,097

	157,845
Dehydration Compressor	12
TO12010 Compressor Fower Fower Foundation Fower Fower	
Power	18,262
7012610 7012440 7012500 7012500 7012100 Heater Treater 7002640 7000010 Flare & Accessories Flectrical Labor 7000010 Mechanical Labor Rod Pumping unit & Pad 7012350 TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,4	
7012440	
Tanks	255,150
7012100	44,912
7012640 Flare & Accessories Flore & Accessories Electrical Labor Mechanical Labor Rod Pumping unit & Pad Pumping Unit Engine Flectrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6	132,741
700010 Pechanical Labor Rod Pumping unit & Pad Pumping Unit Engine Flectrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6	19,282
7000010 Mechanical Labor 7012480 Rod Pumping unit & Pad 7012180 Pumping Unit Engine 7012350 Electrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6	87,218
7012480 Rod Pumping unit & Pad 7012180 Pumping Unit Engine 7012350 Electrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,4	188,608
7012180 Pumping Unit Engine Electrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6	100,000
7012350 Electrical Power (electrical cooperative construction costs) TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6 ARTIFICIAL LIFT	
TOTAL SURFACE EQUIPMENT - TANGIBLE TOTAL SURFACE EQUIPMENT COST \$ 1,6 ARTIFICIAL LIFT	
TOTAL SURFACE EQUIPMENT COST \$	35,332
ARTIFICIAL LIFT	\$1,675,000
	675,000
7000020 Contrast labor	
	3,000
7001120 Consultant	2,400
7008230 Time Writing/Overhead	3,000
7012180 Artificial Lift Equipment	157,200
7012350 Materials & Supplies	1,200
7012550 Production Tree	3,000
7012580 Tubing	63,000
7016190 Freight	3,000
7018150 Rentals	3,600
7019130 Kill Fluid	1,200
7019220 Well Services & Rig	14,400
TOTAL ARTIFICIAL LIFT	255,000
TOTAL ARTIFICIAL LIFT COST \$	255,000
SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL	cost
TOTAL LOCATION COST	
TOTAL LOCATION COST \$	(*
TOTAL DRILLING COST \$ 5,	419,000
	044,834
	675,000
TOTAL SURFACE EQUIPMENT COST 3 1,	
TOTAL ARTIFICIAL LIFT COST \$	255,000
GRAND TOTAL COST \$13	

MARATHON OIL PERMIAN LLC DATE 9/26/2023 **AUTHORITY FOR EXPENDITURE** DRILLING & LOCATION PREPARED BY COURT NELSON **DETAIL OF ESTIMATED WELL COSTS** COMPLETION PREPARED BY KRISTEN DRAIN FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE **Asset Team** PERMIAN Field FORMATION: WXY Wolfcamp WILDCAT EXPLORATION Lease/Facility OLMEC FEDERAL COM 704H DEVELOPMENT RECOMPLETION Location 36-22S-27E, 31-22S-28E EXPLOITATION WORKOVER Prospect Malaga Est Total Depth **Est Drilling Days** 19,400 21.25 **Est Completion Days LOCATION COST - INTANGIBLE** GL CODE DESCRIPTION ESTIMATED COST 7001270 **Location and Access** 7001250 **Land Broker Fees and Services** 0 0 TOTAL LOCATION COST - INTANGIBLE \$0 **DRILLING COST - TANGIBLE** 7001270 **Conductor Pipe** 45,350 7012050 **Surface Casing** 47,164 7012050 Intermediate Casing 1 192,282 7012050 Intermediate Casing 2 7012050 **Production Casing** 943.272 7012050 Drlg Liner Hanger, Tieback Eq & Csg Accessories 7012550 **Drilling Wellhead Equipment** 43,536 7012040 Casing & Tubing Access 99,769 7290003 Miscellaneous MRO Materials 9,070 **TOTAL DRILLING - TANGIBLE** \$1,380,442 **DRILLING COST - INTANGIBLE** 7290002 Drilling Rig Mob/Demob 181,398 7290002 Drilling Rig - day work/footage 1,033,971 7019040 **Directional Drilling Services** 294,954 7019020 Cement and Cementing Service Surface 27,210 7019020 Cement and Cementing Service Intermediate 1 45,350 7019020 Cement and Cementing Service Intermediate 2 7019020 Cement and Cementing Service Production 272,098 7019140 **Mud Fluids & Services** 120,176 7012310 Solids Control equipment 77,548 7012020 Bits 217,678 7019010 Casing Crew and Services 72,559 7016350 Fuel (Rig) 133,555 7019140 Fuel (Mud) 54,420 7001460 Water (non potable) 45,350 7012350 Water (potable) 9,070 7019000 **Well Logging Services** 7019150 Mud Logging+geosteering 25,101 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019250 63,489 7019110 Casing inspection/cleaning 27,210 7019110 Drill pipe/collar inspection services 18,140 7016180 Freight - truck 45,350 7001460 Water hauling and disposal (includes soil farming) 108.839 7001160 Contract Services - Disposal/Non-Hazardous Waste 145,119 7001440 Vacuum Trucks 18,140 7000030 Contract Labor - general 54,420 7000010 **Contract Labor - Operations** 5,442 7001200 Contract Services - Facilities 18,140 7019300 Well Services - Well Control Services 38,547 7019350 Well Services - Well/Wellhead Services 18,140 7290003 21,541 Rental Tools and Equipment (surface rentals) 7260001 Rig Equipment and Misc. 172,328 7001110 **Telecommunications Services** 9,070 7001120 180,945 **Consulting Services** 7001400 Safety and Environmental 60,315 7330002 Rental Buildings (trailers) 21,541 7019310 Coring (sidewalls & analysis) 7011010 8% Contingency & Taxes 401,407

\$5,419,000 DATE 9/26/2023 ESTIMATED COST 15,000 15,000 \$15,000 \$151,739
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\$6,029,834
\$6,044,834

7012290	I&E Materials		157,845
7012200	Gas Treating	-	
7012200	Dehydration		
7012010	Compressor		18,262
7012350	Power		
7012610	Vapor Recovery Unit		
7012440	Separator & other pressure vessels		255,150
7012500	Tanks	-	44,912
7012100	Heater Treater		132,741
7012640	Flare & Accessories	-	19,282
7000010	Electrical Labor	-	87,218
7000010	Mechanical Labor		188,608
7012480	Rod Pumping unit & Pad	-	100,000
7012180		-	
	Pumping Unit Engine	-	
7012350	Electrical Power (electrical cooperative construction costs)	-	35,332
	TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,675,000
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
ARTIFICIAL LIFT			
7000030	Contract Labor		3,000
			2,400
7001120	Consultant	-	
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment		157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight		3,000
7018150	Rentals		3,600
7019130	Kill Fluid		1,200
7019220	Well Services & Rig	-	14,400
	TOTAL ARTIFICIAL LIFT	¥	255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
	TOTAL LOCATION COST	ć	
		\$	
	TOTAL DRILLING COST	\$	5,419,000
	TOTAL COMPLETIONS COST	\$	6,044,834
	TOTAL SURFACE EQUIPMENT COST	\$	1,675,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
			100
	GRAND TOTAL COST		\$13,393,834

MARATHON OIL PERMIAN LLC DATE 9/26/2023 DRILLING & LOCATION PREPARED BY COURT NELSON **AUTHORITY FOR EXPENDITURE** DETAIL OF ESTIMATED WELL COSTS COMPLETION PREPARED BY KRISTEN DRAIN FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE Asset Team PERMIAN Field Wolfcamp FORMATION: WC WILDCAT EXPLORATION. Lease/Facility OLMEC FEDERAL COM 801H DEVELOPMENT RECOMPLETION EXPLOITATION WORKOVER 36-225-27E, 31-225-28E Prospect Malaga **Est Total Depth** 19,700 **Est Drilling Days** 24.5 **Est Completion Days** LOCATION COST - INTANGIBLE GL CODE DESCRIPTION ESTIMATED COST 7001270 86,400 **Location and Access** 7001250 Land Broker Fees and Services 57,600 0 TOTAL LOCATION COST - INTANGIBLE \$144,000 **DRILLING COST - TANGIBLE** 7001270 **Conductor Pipe** 7012050 **Surface Casing** 30,995 7012050 Intermediate Casing 1 94,807 7012050 Intermediate Casing 2 390,169 7012050 **Production Casing** 681,885 Drlg Liner Hanger, Tieback Eq & Csg Accessories 7012050 45,581 7012550 **Drilling Wellhead Equipment** 43,757 7012040 Casing & Tubing Access 118,509 7290003 Miscellaneous MRO Materials 9,116 TOTAL DRILLING - TANGIBLE \$1,460,400 **DRILLING COST - INTANGIBLE** 7290002 Drilling Rig Mob/Demob 118,509 7290002 Drilling Rig - day work/footage 984,539 7019040 **Directional Drilling Services** 343,859 7019020 27.348 Cement and Cementing Service Surface 7019020 Cement and Cementing Service Intermediate 1 45.581 7019020 Cement and Cementing Service Intermediate 2 82,045 7019020 Cement and Cementing Service Production 154,974 7019140 Mud Fluids & Services 126,714 7012310 Solids Control equipment 88.609 7012020 Bits 246,135 7019010 **Casing Crew and Services** 91,161 7016350 152,604 Fuel (Rig) Fuel (Mud) 7019140 54.697 7001460 Water (non potable) 45,581 7012350 Water (potable) 9,116 7019000 **Well Logging Services** 29,673 7019150 Mud Logging+geosteering Stabilizers, Hole Openers, Underreamers (DH rentals) 7019250 63.813 7019110 Casing inspection/cleaning 27,348 7019110 Drill pipe/collar inspection services 18,232 7016180 Freight - truck 45,581 Water hauling and disposal (includes soil farming) 7001460 109.393 7001160 Contract Services - Disposal/Non-Hazardous Waste 145,858 7001440 Vacuum Trucks 18,232 7000030 Contract Labor - general 54,697 7000010 Contract Labor - Operations 5.470 7001200 **Contract Services - Facilities** 18,232 Well Services - Well Control Services 7019300 41,706 7019350 Well Services - Well/Wellhead Services 18,232 7290003 Rental Tools and Equipment (surface rentals) 24.613 7260001 Rig Equipment and Misc. 196,908 7001110 **Telecommunications Services** 9,116 7001120 **Consulting Services** 206,753 7001400 Safety and Environmental 68,918 7330002 Rental Buildings (trailers) 24,613 7019310 Coring (sidewalls & analysis) 412,741 7011010 8% Contingency & Taxes

	TOTAL DRILLING - INTANGIBLE	\$4,111,600
	TOTAL DRILLING COST	\$5,572,000
MARATHON OIL DERMIAN I.I.C.		ATE 0/26/2022
MARATHON OIL PERMIAN LLC AUTHORITY FOR EXPENDITURE	6,	ATE 9/26/2023
DETAIL OF ESTIMATED WELL COSTS		
Asset Team	PERMIAN	
ield	FORMATION: WC	
ease/Facility	#REF!	
COMPLETION - TANGIBLE		
GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	
7012040	Tubing Accessories (nipple, wireline entry)	- 1
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	
	TOTAL COMPLETION - TANGIBLE	\$15,00
COMPLETION - INTANGIBLE		
7001270	Location and Access (dress location after rig move, set anchors)	8,715
7290002	Drilling Rig During Completion	
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	136,95
7019240	Snubbing Services	
7019270 7016350	Pulling/Swab Units Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	·
7019080	Well Testing Services (flow hand & equip)	334,84
7390002	Fracturing Services	3,583,168
7019330	Perforating	162,764
7019360	Wireline Services	
7001460	Water Hauling & Disposal (frac fluids)	250,683
7016180	Freight - Truck (haul pipe; drlg & compl)	
7290003	BOP Rental & Testing	
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	40,46
7290003 7000030	Contract Labor - general Telecommunications Services	31,12
7001110	Safety and Environmental	31,12
7001400	Consulting Services	81,86
7001120	Zipper Manifold	122,49
7019300	Frack Stack Rentals	105,83
7016180	Freight (Transportation Services)	5,97
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	158,32
7330002	Rental Buildings (trailers)	
7000030	Contract Labor - Pumping (pump-down pumps)	31,12
7011010	8% Contingency & Taxes	-
	TOTAL COMPLETION - INTANGIBLE	\$5,054,33
		22
	TOTAL COMPLETION COST	\$5,069,33
SURFACE EQUIPMENT - TANGIBLE		
7012350	Misc. Piping, Fittings & Valves	90,18
7006640	Company Labor & Burden	
7000030	Contract Labor - General	97,94
7001110	Telecommunication equip (Telemetry)	3
7012410	Line Pipe & Accessories	26,11
7012270	Miscellaneous Materials (containment system)	27,19
7008060	SCADA	8,60
7016180	Freight - truck	8,99
7001190	Contract Engineering	5,57
7012290	Metering and Instrumentation	152,62

Total Surface Equipment Cost Supplies	7012290	I&E Materials		89,524
Dehydration Compressor 10,358			-	05/521
Compressor 10,358 7012250 Power 10,358 7012250 7012610 Separator & Other pressure vessels 144,712 7012200 Heater Treater 75,286 7002200 Heater Treater 10,358 7000010 Electrical Labor 49,467 7000010 Floring unit & Pad Pumping unit & Pad Pu			-	
Power Powe	The state of the s			10 358
Vapor Recovery Unit Vapor			8.	20,000
Separator & other pressure vessels 144,712 7012500 Tanks 25,47 7012100 Flare & Accessories 10,387 7000010 Mechanical Labor 40,467 7010210 Mechanical Labor 40,467 7012280 Rod Pumping unit & Pad 7012350 TOTAL SURFACE EQUIPMENT COST 5 950,000 ARTIFICIAL LIFT 7000030 Contract Labor 2,000 700030 Contract Labor 3,000 7001120 Tomas 7000030 Consultant 2,000 700030 Consultant 2,000 7000310 Materials & Supplies 157,000 7001290 Materials & Supplies 157,000 7012350 Total Surface Equipment 157,000 7012130 Artificial Lift Equipment 157,000 7012350 Total Surface Equipment 157,000 7012350 Production Tree 3,000 7012350 Rentals 3,000 7012350 Rentals 3,000 7012350 Production Tree 3,000 7012350 Tubing 5,000 7012350 Freight 3,000 7012350 Total ARTIFICIAL LIFT 255,000 TOTAL ARTIFICIAL LIFT COST 5 144,000 TOTAL ARTIFICIAL LIFT COST 5 5,572,000 TOTAL OMPLETIONS COST 5 5,572,000 TOTAL OMPLETIONS COST 5 5,572,000 TOTAL SURFACE EQUIPMENT COST 5 950,000 TOTAL SURFACE EQUIPMENT COST 5 950,000 TOTAL SURFACE EQUIPMENT COST 5 5,000,000 TOTAL SURFACE EQUIPMENT COST 5	100,000,000,000			
Total Tota	7012440		-	144 712
Heater Treater 775.286 7012540 Flare & Accessories 1.033 1				The state of the s
Total		7	-	
T000010	- Martin Strategic			
Mechanical Labor 106,972 107,01280 106,972 107,01280 1				
T012480 Rod Pumping unit & Pad Pumping Unit Engine Electrical Power (electrical cooperative construction costs) 20,033				
Pumping Unit Engine Electrical Power (electrical cooperative construction costs) 20,035 20,035 20,035 20,035 20,035 20,035 20,035 20,035 20,035 20,000	The state of the s		-	106,972
TOTAL SURFACE EQUIPMENT - TANGIBLE \$950,000		- Indiana - Indi	-	
TOTAL SURFACE EQUIPMENT COST \$ 950,000 ARTIFICIAL LIFT 7000030				
TOTAL SURFACE EQUIPMENT COST \$ 950,000 ARTIFICIAL LIFT 7000030	7012350	Electrical Power (electrical cooperative construction costs)	ē	20,039
ARTIFICIAL LIFT 7000030		TOTAL SURFACE EQUIPMENT - TANGIBLE		\$950,000
TOTAL ARTIFICIAL LIFT COST \$ 144,000		TOTAL SURFACE EQUIPMENT COST	\$	950,000
TOTAL ARTIFICIAL LIFT COST \$ 255,000	ARTIFICIAL LIFT			
TOTAL ARTIFICIAL LIFT COST \$ 255,000	7000020	Contract Labor		3.000
Time Writing/Overhead 3,000	- MANAGEMENT -		-	
Artificial Lift Equipment 157,200 157,20	printing printing Makes	(MATERIAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF		
Materials & Supplies 1,200 7012550 Production Tree 3,000 7012580 Tubing 63,000 7016190 Freight 3,000 7018150 Rentals 3,600 7019130 Kill Fluid 1,200 701920 Well Services & Rig 14,400 1,200 701920 TOTAL ARTIFICIAL LIFT 255,000 255,000 701920 TOTAL ARTIFICIAL LIFT 255,000 701920 TOTAL ARTIFICIAL LIFT 701920 TOTAL COST 701920 TOTAL SURFACE EQUIPMENT COST 701920 70192	100000000000000000000000000000000000000			
Production Tree 3,000 7012580 Tubing 63,000 7016190 Freight 3,000 7018150 Rentals 3,600 7019130 Kill Fluid 1,200 7019220 Well Services & Rig 14,400 7019220 TOTAL ARTIFICIAL LIFT COST \$ 255,000 7019220 TOTAL COST \$ 144,000 7019220 701			-	
Tubing G3,000 T016190 Freight G3,000 T018150 Rentals G3,600 T019130 Kill Fluid G1,200 T019120 Well Services & Rig G1,400 T019220 TOTAL ARTIFICIAL LIFT COST S255,000 TOTAL ARTIFICIAL LIFT S255,000 TOTAL ARTIFICIAL LIFT COST SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL COST TOTAL DRILLING COST S7,572,000 TOTAL COMPLETIONS COST S7,572,000 TOTAL COMPLETIONS COST S7,069,333 TOTAL SURFACE EQUIPMENT COST S950,000 TOTAL ARTIFICIAL LIFT COST S950,000 S950,			-	1,200
TOTAL ARTIFICIAL LIFT COST S 144,000				3,000
TOTAL ARTIFICIAL LIFT COST S 144,000	And the little l			63,000
TOTAL ARTIFICIAL LIFT COST \$ 255,000	7016190			3,000
TOTAL ARTIFICIAL LIFT	7018150	Rentals	-	3,600
TOTAL ARTIFICIAL LIFT COST \$ 255,000 SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL COST TOTAL LOCATION COST \$ 144,000 TOTAL DRILLING COST \$ 5,572,000 TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000	7019130	Kill Fluid	-	1,200
TOTAL ARTIFICIAL LIFT COST \$ 255,000 SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL COST TOTAL LOCATION COST \$ 144,000 TOTAL DRILLING COST \$ 5,572,000 TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000	7019220	Well Services & Rig		14,400
SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL LOCATION COST TOTAL DRILLING COST TOTAL COMPLETIONS COST TOTAL COMPLETIONS COST TOTAL SURFACE EQUIPMENT COST TOTAL ARTIFICIAL LIFT COST SOURCE TOTAL COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		TOTAL ARTIFICIAL LIFT	-	255,000
TOTAL LOCATION COST \$ 144,000 TOTAL DRILLING COST \$ 5,572,000 TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		TOTAL ARTIFICIAL LIFT COST	\$	255,000
TOTAL DRILLING COST \$ 5,572,000 TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
TOTAL DRILLING COST \$ 5,572,000 TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		TOTAL LOCATION COST		444.000
TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000				
TOTAL COMPLETIONS COST \$ 5,069,333 TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		TOTAL DRILLING COST	\$	5,572,000
TOTAL SURFACE EQUIPMENT COST \$ 950,000 TOTAL ARTIFICIAL LIFT COST \$ 255,000		TOTAL COMPLETIONS COST		
TOTAL ARTIFICIAL LIFT COST \$ 255,000				
GRAND TOTAL COST \$11,990,333		TOTAL ARTIFICIAL LIFT COST	\$	255,000
		GRAND TOTAL COST		\$11,990.333

MARATHON OIL PERMIAN LLC			DATE 9/26/2023
AUTHORITY FOR EXPENDITURE		DRILLING & LOCATION PRE	PARED BY COURT NELSON
DETAIL OF ESTIMATED WELL COSTS		COMPLETION PRE	PARED BY KRISTEN DRAIN
		FACILITIES PRE	PARED BY HARSHA DISSANAYAKE
		ARTIFICIAL LIFT PRE	PARED BY CLAYTON DIETZE
Asset Team	PERMIAN		
Field	Wolfcamp FORMATION: WC	WILDCAT	EXPLORATION
Lease/Facility	OLMEC FEDERAL COM 802H	DEVELOPMENT	RECOMPLETION
Location	36-225-27E, 31-225-28E		
Prospect	Malaga	X EXPLOITATION	WORKOVER
	TVA AGE		
Est Total Depth LOCATION COST - INTANGIBLE	19,700 Est Drilling Days	24.5 Est Comple	etion Days 7
COCATION COST - INTANGIBLE			
GL CODE	DESC	CRIPTION	ESTIMATED COST
7001270	Location and Access		86,400
7001250	Land Broker Fees and Services		57,600
			0
	TOTAL LOCATION COST - INTANGIBLE		\$144,000
DRILLING COST - TANGIBLE			
7001270	Conductor Pipe		45,581
7012050	Surface Casing		30,995
7012050	Intermediate Casing 1		94,807
7012050	Intermediate Casing 1		390,169
7012050	Production Casing 2		681,885
7012050	Drig Liner Hanger, Tieback Eq & C	'sa Assassavias	45,581
	Drilling Wellhead Equipment	asg Accessories	
7012550			43,757
7012040 7290003	Casing & Tubing Access Miscellaneous MRO Materials		118,509 9,116
7290003	Wiscellaneous Wiko Waterials		9,116
	TOTAL DRILLING - TANGIBLE		\$1,460,400
DRILLING COST - INTANGIBLE	TOTAL DRILLING - TANGIBLE		\$1,460,400
ORILLING COST - INTANGIBLE	Drilling Rig Mob/Demob		
			118,509
7290002	Drilling Rig Mob/Demob		118,509 984,539
7290002 7290002	Drilling Rig Mob/Demob Drilling Rig - day work/footage	urface	118,509 984,539 343,859
7290002 7290002 7019040	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services		118,509 984,539 343,859 27,348
7290002 7290002 7019040 7019020	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service Scenent and Cementing Service In	termediate 1	118,509 984,539 343,859 27,348 45,581
7290002 7290002 7019040 7019020 7019020	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service St Cement and Cementing Service In Cement and Cementing Service In	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045
7290002 7290002 7019040 7019020 7019020 7019020 7019020	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic In Cement and Cementing Service In Cement and Cementing Service In	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic: In Mud Fluids & Services	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic St Cement and Cementing Servic In Cement and Cementing Servic In Cement and Cementing Servic In Mud Fluids & Services Solids Control equipment	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135
7290002 7290002 7019040 7019020 7019020 7019020 7019140 7012310 7012020 7019010	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Services Solids Control equipment Bits Casing Crew and Services	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Prilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig)	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 701200 7019010 7016350 7019140	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud)	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic: In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable)	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic: St Cement and Cementing Servic: In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable)	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servici St. Cement and Cementing Servici In Cement and Cementing Servici Pr Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services	termediate 1 termediate 2	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116
7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000 7019000 7019150	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging-teosteering	termediate 1 termediate 2 roduction	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116
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7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000 7019150 7019250 7019250 7019110	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic In Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undertocasing inspection/cleaning	termediate 1 termediate 2 roduction reamers (DH rentals)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000 7019150 7019250 7019110	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Well Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection services	termediate 1 termediate 2 roduction reamers (DH rentals)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019100 7019150 7019150 7019150 7019110 7019110 7019110	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Servic In Cement and Cementing Service In Cement and Cementing Service In Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging Services	termediate 1 termediate 2 roduction reamers (DH rentals)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019100 7019150 7019250 7019110 7019110 7016180 7001460	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu	termediate 1 termediate 2 roduction reamers (DH rentals) es udes soil farming)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019150 7019150 7019150 7019150 7019150 7019150 7019110 7016180 7016180 7001460 7001160	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Unders Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non	termediate 1 termediate 2 roduction reamers (DH rentals) es udes soil farming)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000 7019150 701950 701910 7019110 7019110 7019110 7019110 701910 7001460 7001460 7001460 7001460	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (non potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection servic Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks	termediate 1 termediate 2 roduction reamers (DH rentals) es udes soil farming)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 701910 7019150 7019150 7019150 7019150 7019150 70191680 7001460 7001160 7001160 7001160 7001160 7001140	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclue Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general	termediate 1 termediate 2 roduction reamers (DH rentals) es udes soil farming)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697
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7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019100 7019150 7019150 7019150 70191680 701916 7001660 7001160 7001160 7001160 7001000 700010 700010	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclue Contract Services - Disposal/Non-Vacuum Trucks) Contract Labor - general	termediate 1 termediate 2 roduction reamers (DH rentals) es udes soil farming)	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 701910 7019150 7019150 701910 701916 701910 701910 701910 701910 701910 701910 701910 7001460 7001460 7001460 7001460 7001400 7001400 7000100	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Water (potable) Water (potable) Water (potable) Tabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019150 7019150 7019150 7019150 70191680 701916 7001460 7001460 7001460 7001460 7001400 7001400 7001400 7001100 7001100 70010000 70010000000 7000100000000	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging Services Mud Logging-teosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,133 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,667 5,470 18,232
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7019150 7019150 7019150 7019150 70191680 701910 701910 7016180 7001460 7001460 7001460 7001400 7001400 7000010 7000010 7001000 7019300	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging-geosteering Stabilizers, Hole Openers, Unders Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities Well Services - Well Control Servi	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,536 343,855 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,677 63,817 27,344 18,237 45,5887 109,399 145,858 18,237 54,699 5,470 18,237
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7016350 7019140 7001460 7011950 701910	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Water (potable) Well Logging Services Mud Logging Services Mud Logging-geosteering Stabilizers, Hole Openers, Undertocation in Service In Truck Water hauling and disposal (incluing Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities Well Services - Well (Control Services - Well Control Serv	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,538 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,672 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697 5,470 18,232 41,700
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019000 7019150 7019000 7019150 701910 70191680 7001460 7001460 7001460 700140 700140 700140 7001000 7019300 7019300 7019350 7019300 7019350 7019350 7019350	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging Services Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (incluce Contract Services - Disposal/Non Vacuum Trucks Contract Labor - General Contract Labor - General Contract Services - Facilities Well Services - Well Control Services - Well Services - Well Control Services - Well Services - Well Control Services - Well Services - Well Vellhead Se	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697 5,476 18,232 41,706 18,232 24,613
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019100 7019150 701910 701910 701916 701910	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Coning Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - general Contract Labor - Operations Contract Labor - Operations Contract Services - Facilities Well Services - Well Control Servi Rig Equipment and Misc. Telecommunications Services	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7016350 7019140 7016350 7019140 7016350 7019140 701680 7019150 701910 7016180 7001460 7001160 7001400 7001000 7001200 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7019350 7290003	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities Well Services - Well Control Servi Well Services - Well Control Servi Well Services - Well Control Servi Rig Equipment and Misc. Telecommunications Services Consulting Services	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,697 5,470 18,232 41,706 18,232 24,613
7290002 7290002 7290002 7019040 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 701250 7019150 7019150 7019150 701910 7016180 7001460 7001460 7001400 7001400 7001950 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 701910 700140	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Well Logging Services Mud Logging Services Mud Logging-geosteering Stabilizers, Hole Openers, Unders Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities Well Services - Well Control Servi Well Services - Well Control Servi Well Services - Well Control Servi Rig Equipment and Misc. Telecommunications Services Consulting Services Safety and Environmental	reamers (DH rentals) es udes soil farming) -Hazardous Waste	118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,697 45,581 9,116 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 54,637 5,470 18,232 41,706 18,232 24,613 196,908 9,116
7290002 7019040 7019020 7019020 7019020 7019020 7019020 7019140 7012310 7012020 7019010 7016350 7019140 7001460 7012350 7019150 7019150 7019150 70191680 70191680 70011680 7001460 7001460 7001400 7001000 701910 700140 7000030 700010 7001200 7019300 7019300 7019300 7019300 701910 700110	Drilling Rig Mob/Demob Drilling Rig - day work/footage Directional Drilling Services Cement and Cementing Service In Mud Fluids & Services Solids Control equipment Bits Casing Crew and Services Fuel (Rig) Fuel (Mud) Water (non potable) Water (potable) Water (potable) Well Logging Services Mud Logging+geosteering Stabilizers, Hole Openers, Undert Casing inspection/cleaning Drill pipe/collar inspection service Freight - truck Water hauling and disposal (inclu Contract Services - Disposal/Non Vacuum Trucks Contract Labor - general Contract Labor - Operations Contract Services - Facilities Well Services - Well Control Servi Well Services - Well Control Servi Well Services - Well Control Servi Rig Equipment and Misc. Telecommunications Services Consulting Services	reamers (DH rentals) es udes soil farming) -Hazardous Waste	\$1,460,400 118,509 984,539 343,859 27,348 45,581 82,045 154,974 126,714 88,609 246,135 91,161 152,604 54,637 45,581 91,161 29,673 63,813 27,348 18,232 45,581 109,393 145,858 18,232 45,581 109,393 145,858 18,232 45,581 109,393 145,858 18,232 45,697 5,470 18,232 44,613

	TOTAL DRILLING - INTANGIBLE	-	\$4,111,600
	TOTAL DRILLING COST		\$5,572,000
MANDATHON ON DEPARTMENTS		DATE	9/25/2022
MARATHON OIL PERMIAN LLC AUTHORITY FOR EXPENDITURE		DATE	9/26/2023
DETAIL OF ESTIMATED WELL COSTS			
2 2			
Asset Team Field	PERMIAN FORMATION: WC		
Lease/Facility	#REF!		
COMPLETION - TANGIBLE	SECONDARY		
GL CODE	DESCRIPTION	EST	IMATED COST
7012580	Tubing	-	-
7012040	Tubing Accessories (nipple, wireline entry)	-	15,000
7012550 7012560	Wellhead Equip Packers - Completion Equipment	-	13,000
7012300	Total Section Equipment	-	-
	TOTAL COMPLETION - TANGIBLE	-	\$15,000
COMPLETION - INTANGIBLE			
7001270	Location and Access (dress location after rig move, set anchors)		8,715
7290002	Drilling Rig During Completion		-,, 40
7019140	Mud Fluids & Services		32
7019030	Coiled Tubing Services (3 runs)		136,957
7019240	Snubbing Services	_	27
7019270	Pulling/Swab Units		
7016350 7019010	Fuel (from drig)		
7019010	Casing Crew and Services Cement and Cementing Services		-
7019020	Well Testing Services (flow hand & equip)	- , -	334,841
7390002	Fracturing Services	-8	3,583,168
7019330	Perforating	-0 0	162,764
7019360	Wireline Services		-
7001460	Water Hauling & Disposal (frac fluids)	=: :==================================	250,683
7016180	Freight - Truck (haul pipe; drlg & compl)		3
7290003	BOP Rental & Testing		
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	_0 0	40.464
7290003 7290003	CT Downhole Rental Equipment (ie. Bit, BHA) Contract Labor - general	=// *	40,464
7000030	Telecommunications Services	-3 9	31,127
7001110	Safety and Environmental	-	52,227
7001400	Consulting Services		81,863
7001120	Zipper Manifold		122,494
7019300	Frack Stack Rentals		105,830
7016180	Freight (Transportation Services)	_	5,976
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	_	158,325
7330002	Rental Buildings (trailers)	-, -	31,127
7000030 7011010	Contract Labor - Pumping (pump-down pumps) 8% Contingency & Taxes		31,127
	TOTAL COMPLETION - INTANGIBLE		\$5,054,333
			20
	TOTAL COMPLETION COST	·	\$5,069,33
SURFACE EQUIPMENT - TANGIBLE			
7012350	Misc. Piping, Fittings & Valves		90,188
7006640	Company Labor & Burden	_	07.04
7000030	Contract Labor - General Telecommunication equip (Telemetry)	 : 8	97,94
7001110 7012410	Line Pipe & Accessories	<u> </u>	26,110
7012270	Miscellaneous Materials (containment system)		27,197
7008060	SCADA		8,604
7016180	Freight - truck	- 1	8,995
7001190	Contract Engineering	_	5,572
140144400000000000000000000000000000000	AND		152,622

7012290	I&E Materials		89,524
7012200	Gas Treating		
7012200	Dehydration	3	-
7012010	Compressor	-	10,358
7012350	Power		
7012610	Vapor Recovery Unit	-	
7012440	Separator & other pressure vessels	-	144,712
7012500	Tanks	-	25,472
7012100	Heater Treater	-	75,286
7012640	Flare & Accessories		10,936
7000010	Electrical Labor		49,467
7000010	Mechanical Labor		106,972
7012480	Rod Pumping unit & Pad	3	
7012180	Pumping Unit Engine	-	
7012350	Electrical Power (electrical cooperative construction costs)		20,039
	TOTAL SURFACE EQUIPMENT - TANGIBLE	-	\$950,000
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
ARTIFICIAL LIFT			
7000030	Contract Labor		3,000
7001120	Consultant	=	2,400
7008230	Time Writing/Overhead	-	3,000
7012180	Artificial Lift Equipment	-	157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree	-	3,000
7012580	Tubing	-	63,000
7016190	Freight		3,000
7018150	Rentals	-	3,600
7019130	Kill Fluid	-	1,200
7019130	7		
7019220	Well Services & Rig	-	14,400
	TOTAL ARTIFICIAL LIFT	ě	255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
	TOTAL LOCATION COST		144 000
	TOTAL LOCATION COST	\$	144,000
	TOTAL DRILLING COST	\$	5,572,000
	TOTAL COMPLETIONS COST	\$	5,069,333
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
	맛있다. 가장은 학교들은 맛이 있습니다. 이 그렇게 되었습니다. 그 이 아프로네	\$	
	TOTAL ARTIFICIAL LIFT COST	<u> </u>	255,000
	GRAND TOTAL COST	-	\$11,990,333

AUTHORITY FOR EXPENDITURE DETAIL OF ESTIMATED WELL COSTS COMPLETION PREPARED FACILITIES PREPARED ASSET Team Field Wolfcamp FORMATION: WC Lease/Facility OLMEC FEDERAL COM 803H Location 36-225-27E, 31-225-28E Malaga DRILLING & LOCATION PREPARED COMPLETION PREPARED WILDCAT DEVELOPMENT EXPLOITATION Prospect Malaga	D BY KRISTEN DRAIN D BY HARSHA DISSANAYAKE
DETAIL OF ESTIMATED WELL COSTS COMPLETION PREPARE FACILITIES PREPARE FACILITIES PREPARE FACILITIES PREPARE FACILITIES PREPARE ARTIFICIAL LIFT PREPARE WILDCAT DEVELOPMENT X EXPLOITATION DEVELOPMENT X EXPLOITATION Est Drilling Days 24.5 Est Completion I DESCRIPTION LOCATION COST - INTANGIBLE FOR 1270 TO1270 TO1270 TO1270 TO1270 TO1250 TO12050 TO12060	D BY KRISTEN DRAIN D BY HARSHA DISSANAYAKE D BY CLAYTON DIETZE EXPLORATION RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
Asset Team Feed Asset Team Feed Wolkamp FORMATION: WC OUNCE FEDERAL COM 803H OUNCE FEDERAL COM 803H OUNCE FEDERAL COM 803H OUNCE FEDERAL COM 803H OEST COUNCE OF THE	D BY HARSHA DISSANAYAKE D BY CLAYTON DIETZE EXPLORATION RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
ASSET TEAM	EXPLORATION RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 5144,00 45,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
Asset Team	EXPLORATION RECOMPLETION WORKOVER 20 20 27 ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
Wilder	RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 5144,00 61,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
	RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 5144,00 61,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
DEVELOPMENT	RECOMPLETION WORKOVER Days 7 ESTIMATED COST 86,40 57,60 5144,00 61,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
Description	WORKOVER Days 7 ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
Est Total Depth 19,700 Est Drilling Days 24.5 Est Completion I LOCATION COST - INTANGIBLE GL CODE 7001270	ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 43,75 118,50 9,11
ACCATION COST - INTANGIBLE GL CODE 7001270 Location and Access Land Broker Fees and Services TOTAL LOCATION COST - INTANGIBLE DRILLING COST - TANGIBLE TOULOSO Surface Casing 7012050 Intermediate Casing 1 7012050 Production Casing 2 7012050 Production Casing 2 Production Casing 3 Proluction Casing 5 Proluction Casing 8 Total Drilling Wellhead Equipment Casing 8 Tubing Access Miscellaneous MRO Materials TOTAL DRILLING - TANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE Cement and Cementing Service Surface Cement and Gementing Service Intermediate 1 Cement and Cementing Service Intermediate 1 Cement and Cementing Service Intermediate 1 Total Drilling Fig. Services Total Solids Cerve and Cementing Service Intermediate 1 Cement and Cementing Service Intermediate 2 Cement and Cementing Service Intermediate 3 Cement and Cementing Service Intermediate 4 Cement and Cementing Service Intermediate 3 Cement and Cementing Service Intermediate 4 Cement and	ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
LOCATION COST - INTANGIBLE GL CODE 7001270 Location and Access Land Broker Fees and Services TOTAL LOCATION COST - INTANGIBLE DRILLING COST - TANGIBLE 7001270 Surface Casing 7012050 Intermediate Casing 1 7012050 Production Casing 7012050 Drilling Wellhead Equipment Casing 8 Tubing Access 7012050 Drilling Wellhead Equipment Casing 8 Tubing Access Miscellaneous MRO Materials TOTAL DRILLING - TANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE DRILLING COST - INTANGIBLE Cement and Cementing Service Intermediate 1 7290002 Drilling Rig Mob/Demob Directional Drilling Services 7019020 Cement and Cementing Service Intermediate 1 Cement and Cementing Service Intermediate 1 7019020 Cement and Cementing Service Intermediate 1 Cement and Cementing Service Intermediate 2 Cement and Cementing Service Intermediate 3 Drilling Rig Central Service Intermediate 3 Cement and Cementing Service Intermediate 3 Cement and Cementing Service Intermediate 3 Drilling Rig Central Service Intermediate 4 Drilling Rig Central Service Intermediate 5 Drilling Rig Central Service Intermediate 9 Drilling Rig Central Service Intermediate	ESTIMATED COST 86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
DESCRIPTION DESCRIPTION TOTAL LOCATION COST - INTANGIBLE	86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
TOTAL LOCATION COST - INTANGIBLE	86,40 57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
TOTAL LOCATION COST - INTANGIBLE	57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
TOTAL LOCATION COST - INTANGIBLE	57,60 \$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
DRILLING COST - TANGIBLE	\$144,00 45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50 9,11
DRILLING COST - TANGIBLE	45,58 30,99 94,80 390,16 681,88 45,58 43,75 118,50
Total	30,99 94,80 390,16 681,88 45,58 43,75 118,50
Note	30,99 94,80 390,16 681,88 45,58 43,75 118,50
	30,99 94,80 390,16 681,88 45,58 43,75 118,50
Intermediate Casing 1 Intermediate Casing 2 Production Casing Originary Fieback Eq. & Csg Accessories Or	94,80 390,16 681,88 45,58 43,75 118,50 9,11
Total	390,16 681,88 45,58 43,75 118,50
Production Casing Drig Liner Hanger, Tieback Eq & Csg Accessories	681,88 45,58 43,75 118,50 9,11
Total Drilling Wellhead Equipment	45,58 43,75 118,50 9,11
Drilling Wellhead Equipment	43,75 118,50 9,11
Total Drilling Access Miscellaneous MRO Materials	118,50 9,11
TOTAL DRILLING - TANGIBLE T290002 Drilling Rig Mob/Demob T290002 Drilling Rig - day work/footage T019040 Directional Drilling Services T019020 Cement and Cementing Service Surface T019020 Cement and Cementing Service Intermediate 1 T019020 Cement and Cementing Service Intermediate 2 T019020 Cement and Cementing Service Production T019140 Mud Fluids & Services T012310 Solids Control equipment T012020 Bits T016350 Fuel (Rig) T019140 Fuel (Mud) T001460 Water (non potable) T012350 Water (potable) T019000 Well Logging Services T019150 Mud Logging+geosteering T019250 Stabilizers, Hole Openers, Underreamers (DH rentals) Casing inspection/cleaning	
DRILLING COST - INTANGIBLE 7290002	\$1,460,40
DRILLING COST - INTANGIBLE 7290002	\$1,460,41
7019040 Directional Drilling Services 7019020 Cement and Cementing Service Intermediate 1 7019020 Cement and Cementing Service Intermediate 2 7019020 Cement and Cementing Service Intermediate 2 7019020 Cement and Cementing Service Production 7019140 Mud Fluids & Services 7012310 Solids Control equipment 701200 Bits 7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning 7019000 Casing inspection/cleaning 7019110 Casing inspection/cleaning 7019110 Casing inspection/cleaning 7019110 Casing inspection/cleaning 7019000 Cement and Cementing Services 7019110 Casing inspection/cleaning 7019110 Casing inspection/	118,50
Total Cement and Cementing Service Surface	984,53
7019020 Cement and Cementing Service Intermediate 1	343,85
7019020 Cement and Cementing Service Intermediate 2 7019020 Cement and Cementing Service Production 7019140 Mud Fluids & Services 7012310 Solids Control equipment 7012020 Bits 7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	27,34
7019020 Cement and Cementing Service Production	45,58
7019140 Mud Fluids & Services 7012310 Solids Control equipment 7012020 Bits 7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 701900 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	82,04
7012310 Solids Control equipment 7012020 Bits 7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	154,97
7012020 Bits 7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	126,71
7019010 Casing Crew and Services 7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	88,60
7016350 Fuel (Rig) 7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	246,13
7019140 Fuel (Mud) 7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	91,16
7001460 Water (non potable) 7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	152,60
7012350 Water (potable) 7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	54,69 45,58
7019000 Well Logging Services 7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	9,11
7019150 Mud Logging+geosteering 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	9,11
7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 7019110 Casing inspection/cleaning	29,67
7019110 Casing inspection/cleaning	63,81
	27,34
/ VANAAV VIIII pipe/ collat hisbection services	18,23
7016180 Freight - truck	45,58
7001460 Water hauling and disposal (includes soil farming)	109,39
7001160 Contract Services - Disposal/Non-Hazardous Waste	145,85
7001440 Vacuum Trucks	18,23
7000030 Contract Labor - general	54,69
7000010 Contract Labor - Operations	5,47
7001200 Contract Services - Facilities	18,23
7019300 Well Services - Well Control Services	41,70
7019350 Well Services - Well/Wellhead Services	18,23
7290003 Rental Tools and Equipment (surface rentals)	24,61
7260001 Rig Equipment and Misc.	
7001110 Telecommunications Services	196,90
7001120 Consulting Services	196,90 9,11
7001400 Safety and Environmental	196,90
7330002 Rental Buildings (trailers)	196,90 9,11
7019310 Coring (sidewalls & analysis)	196,90 9,11 206,75
7011010 8% Contingency & Taxes	196,90 9,11 206,75 68,91

	TOTAL DRILLING - INTANGIBLE	\$4,111,600
	TOTAL DRILLING COST	\$5,572,000
MARATHON OIL PERMIAN LLC		DATE 9/26/2023
AUTHORITY FOR EXPENDITURE		
DETAIL OF ESTIMATED WELL COSTS		
Asset Team	PERMIAN	
Field	FORMATION: WC	
Lease/Facility	#REF!	
COMPLETION - TANGIBLE		
GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	
7012040	Tubing Accessories (nipple, wireline entry)	45.000
7012550 7012560	Wellhead Equip Packers - Completion Equipment	15,000
7012300	rackers - completion equipment	
	TOTAL COMPLETION - TANGIBLE	\$15,000
COMPLETION - INTANGIBLE		
7001270	Location and Access (dress location after rig move, set anchors)	8,715
7290002	Drilling Rig During Completion	
7019140	Mud Fluids & Services	
7019030	Coiled Tubing Services (3 runs)	136,957
7019240	Snubbing Services	
7019270 7016350	Pulling/Swab Units Fuel (from drlg)	
7019010	Casing Crew and Services	
7019020	Cement and Cementing Services	32
7019080	Well Testing Services (flow hand & equip)	334,841
7390002	Fracturing Services	3,583,168
7019330	Perforating	162,764
7019360	Wireline Services	250,683
7001460 7016180	Water Hauling & Disposal (frac fluids) Freight - Truck (haul pipe; drlg & compl)	250,683
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	40,464
7290003	Contract Labor - general	7
7000030	Telecommunications Services	31,127
7001110	Safety and Environmental	
7001400	Consulting Services	81,863 122,494
7001120 7019300	Zipper Manifold Frack Stack Rentals	105,830
7016180	Freight (Transportation Services)	5,976
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	158,325
7330002	Rental Buildings (trailers)	
7000030	Contract Labor - Pumping (pump-down pumps)	31,127
7011010	8% Contingency & Taxes	Q
	TOTAL COMPLETION - INTANGIBLE	\$5,054,333
	TOTAL COMPLETION COST	ĆE 060 222
	TOTAL COMPLETION COST	\$5,069,333
SURFACE EQUIPMENT - TANGIBLE		
7012350	Misc. Piping, Fittings & Valves	90,188
7006640	Company Labor & Burden	
7000030	Contract Labor - General	97,948
7001110	Telecommunication equip (Telemetry)	20.440
7012410 7012270	Line Pipe & Accessories Miscellaneous Materials (containment system)	26,110 27,197
7008060	SCADA SCADA	8,604
7016180	Freight - truck	8,995
7001190	Contract Engineering	5,572
		152,622

7012290	I&E Materials		89,524
7012200	Gas Treating		
7012200	Dehydration	-	
7012010	Compressor	-	10,358
7012350	Power		
7012610	Vapor Recovery Unit	-	- 2
7012440	Separator & other pressure vessels	-	144,712
7012500	Tanks		25,472
7012100	Heater Treater		75,286
7012640	Flare & Accessories		10,936
7000010	Electrical Labor		49,467
7000010	Mechanical Labor	-	106,972
7012480	Rod Pumping unit & Pad	-	100,372
7012180		5	
	Pumping Unit Engine	-	20,039
7012350	Electrical Power (electrical cooperative construction costs)		20,039
	TOTAL SURFACE EQUIPMENT - TANGIBLE	-	\$950,000
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
ARTIFICIAL LIFT			
	MANAHAKKADA WANGGARA		Fallidation
7000030	Contract Labor		3,000
7001120	Consultant		2,400
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment		157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight	-	3,000
7018150	Rentals		3,600
7019130	Kill Fluid	-	1,200
7019220	Well Services & Rig		14,400
	TOTAL ARTIFICIAL LIFT	8	255,000
	, or ac annihilate and	-	233,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
	TOTAL LOCATION COST	\$	144,000
		-	11 p. 11 10 p. 12 p. 11 11 11 11 11 11 11 11 11 11 11 11 11
	TOTAL DRILLING COST	- 3	5,572,000
	TOTAL COMPLETIONS COST	\$	5,069,333
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
	7	\$	
	TOTAL ARTIFICIAL LIFT COST	<u> </u>	255,000
	GRAND TOTAL COST	10	\$11,990,333

MARATHON OIL PERMIAN LLC DATE 9/26/2023 **AUTHORITY FOR EXPENDITURE** DRILLING & LOCATION PREPARED BY COURT NELSON **DETAIL OF ESTIMATED WELL COSTS** COMPLETION PREPARED BY KRISTEN DRAIN FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE Asset Team PERMIAN FORMATION: WC Field Wolfcamp WILDCAT **EXPLORATION** OLMEC FEDERAL COM 804H Lease/Facility DEVELOPMENT RECOMPLETION Location 36-22S-27E, 31-22S-28E **EXPLOITATION** WORKOVER Prospect Malaga Est Total Depth 19,700 **Est Drilling Days** 24.5 **Est Completion Days** LOCATION COST - INTANGIBLE GL CODE DESCRIPTION ESTIMATED COST 7001270 **Location and Access** 86,400 7001250 **Land Broker Fees and Services** 57,600 0 TOTAL LOCATION COST - INTANGIBLE \$144,000 **DRILLING COST - TANGIBLE** 7001270 **Conductor Pipe** 7012050 **Surface Casing** 30,995 7012050 Intermediate Casing 1 94,807 7012050 Intermediate Casing 2 390,169 7012050 **Production Casing** 681,885 7012050 Drlg Liner Hanger, Tieback Eq & Csg Accessories 45,581 **Drilling Wellhead Equipment** 7012550 43,757 7012040 Casing & Tubing Access 118,509 7290003 Miscellaneous MRO Materials 9,116 **TOTAL DRILLING - TANGIBLE** \$1,460,400 **DRILLING COST - INTANGIBLE** 7290002 Drilling Rig Mob/Demob 118,509 7290002 Drilling Rig - day work/footage 984,539 7019040 **Directional Drilling Services** 343,859 7019020 Cement and Cementing Service Surface 27,348 7019020 Cement and Cementing Service Intermediate 1 45.581 7019020 Cement and Cementing Service Intermediate 2 82,045 7019020 Cement and Cementing Service Production 154,974 7019140 **Mud Fluids & Services** 126,714 7012310 **Solids Control equipment** 88,609 7012020 Bits 246,135 91,161 7019010 **Casing Crew and Services** 7016350 Fuel (Rig) 152,604 7019140 Fuel (Mud) 54.697 7001460 Water (non potable) 45,581 7012350 Water (potable) 9,116 7019000 **Well Logging Services** 7019150 Mud Logging+geosteering 29,673 7019250 Stabilizers, Hole Openers, Underreamers (DH rentals) 63.813 7019110 Casing inspection/cleaning 27,348 7019110 Drill pipe/collar inspection services 18,232 7016180 Freight - truck 45,581 7001460 Water hauling and disposal (includes soil farming) 109,393 7001160 Contract Services - Disposal/Non-Hazardous Waste 145,858 7001440 Vacuum Trucks 18,232 7000030 Contract Labor - general 54,697 7000010 **Contract Labor - Operations** 5.470 7001200 Contract Services - Facilities 18,232 7019300 Well Services - Well Control Services 41,706 7019350 Well Services - Well/Wellhead Services 18,232 7290003 Rental Tools and Equipment (surface rentals) 24,613 7260001 Rig Equipment and Misc. 196,908 7001110 **Telecommunications Services** 9,116 7001120 **Consulting Services** 206,753 7001400 Safety and Environmental 68,918 7330002 Rental Buildings (trailers) 24,613 7019310 Coring (sidewalls & analysis) 7011010 8% Contingency & Taxes 412,741

	TOTAL DRILLING - INTANGIBLE	0-	\$4,111,600
	TOTAL DRILLING COST	_	\$5,572,000
MARATHON OIL PERMIAN LLC		DATE	9/26/2023
AUTHORITY FOR EXPENDITURE			2/20/2020
DETAIL OF ESTIMATED WELL COSTS			
sset Team	PERMIAN		
ield	FORMATION: WC		
ease/Facility	#REF!		
COMPLETION - TANGIBLE			
GL CODE	DESCRIPTION		ESTIMATED COST
7012580	Tubing		5
7012040	Tubing Accessories (nipple, wireline entry)		
7012550	Wellhead Equip		15,000
7012560	Packers - Completion Equipment		1
	Section will provide a strategic design of the provide and the provided by	-	
	TOTAL COMPLETION - TANGIBLE		\$15,000
OMPLETION - INTANGIBLE			
OWIFLETION - INTANGIBLE			
7001270	Location and Accord (deacy location after six move, set anchord)		8,715
7290002	Location and Access (dress location after rig move, set anchors)		8,715
7019140	Drilling Rig During Completion Mud Fluids & Services		
7019030		- :	126.057
7019030	Coiled Tubing Services (3 runs)	_	136,957
7019270	Snubbing Services	_	
7016350	Pulling/Swab Units Fuel (from drlg)	-	
7019010	Casing Crew and Services	-	
7019020	Cement and Cementing Services	- :	
7019020	Well Testing Services (flow hand & equip)		224 041
7390002	Fracturing Services (now name & equip)		334,841
7019330	Perforating	-/	3,583,168 162,764
7019360	Wireline Services	- 7	162,764
7001460			250 502
7016180	Water Hauling & Disposal (frac fluids) Freight - Truck (haul pipe; drlg & compl)		250,683
7290003	BOP Rental & Testing	-0.	
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	- 1	
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)		40,464
7290003	Contract Labor - general		40,404
7000030	Telecommunications Services	- J	31,127
7001110	Safety and Environmental	-33	31,127
7001400	Consulting Services		81,863
7001120	Zipper Manifold	-3	122,494
7019300	Frack Stack Rentals		105,830
7016180	Freight (Transportation Services)	=0 ==	5,976
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	- 2	158,325
7330002	Rental Buildings (trailers)	-3	-
7000030	Contract Labor - Pumping (pump-down pumps)	_	31,127
7011010	8% Contingency & Taxes		-
			Y
	TOTAL COMPLETION - INTANGIBLE	=	\$5,054,333
			255
	TOTAL COMPLETION COST		\$5,069,333
SURFACE EQUIPMENT - TANGIBLE			
7012350	Misc. Piping, Fittings & Valves	-75 S-	90,188
7006640	Company Labor & Burden	N S	
7000030	Contract Labor - General	_ =	97,948
7001110	Telecommunication equip (Telemetry)	-0 -5T	12
7012410	Line Pipe & Accessories		26,110
7012270	Miscellaneous Materials (containment system)		27,197
7008060	SCADA		8,604
7016180	Freight - truck		8,995
7001190	Contract Engineering		5,572

7012290	I&E Materials		89,524
7012200	Gas Treating		
7012200	Dehydration		
7012010	Compressor		10,358
7012350	Power	-	E E
7012610	Vapor Recovery Unit		
7012440	Separator & other pressure vessels	-	144,712
7012500	Tanks		25,472
7012100	Heater Treater		75,286
7012640	Flare & Accessories		10,936
7000010	Electrical Labor		49,467
			106,972
7000010	Mechanical Labor	-	100,572
7012480	Rod Pumping unit & Pad		
7012180	Pumping Unit Engine	-	
7012350	Electrical Power (electrical cooperative construction costs)		20,039
	TOTAL SURFACE EQUIPMENT - TANGIBLE	-	\$950,000
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
ARTIFICIAL LIFT			
7000020	WICE DAVING TO		3 000
7000030	Contract Labor	_	3,000
7001120	Consultant	-	2,400
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment		157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight		3,000
7018150	Rentals		3,600
7019130	Kill Fluid		1,200
7019220	Well Services & Rig	-	14,400
	TOTAL ARTIFICIAL LIFT	\$ -	255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST
	TOTAL LOCATION COST		144 000
	TOTAL LOCATION COST	\$	144,000
	TOTAL DRILLING COST	\$	5,572,000
	TOTAL COMPLETIONS COST	\$	5,069,333
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
		\$	
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	GRAND TOTAL COST		\$11,990,333

MARATHON OIL PERMIAN LLC DATE 9/26/2023 DRILLING & LOCATION PREPARED BY COURT NELSON **AUTHORITY FOR EXPENDITURE** COMPLETION PREPARED BY KRISTEN DRAIN **DETAIL OF ESTIMATED WELL COSTS** FACILITIES PREPARED BY HARSHA DISSANAYAKE ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE Asset Team PERMIAN EXPLORATION Field Wolfcamp FORMATION: WB WILDCAT RECOMPLETION Lease/Facility OLMEC FEDERAL COM 805H DEVELOPMENT **EXPLOITATION** WORKOVER Location 36-225-27E, 31-225-28E Prospect Malaga 19,700 **Est Total Depth Est Drilling Days** 24.5 **Est Completion Days LOCATION COST - INTANGIBLE** ESTIMATED COST GL CODE DESCRIPTION 7001270 86.400 **Location and Access** 7001250 Land Broker Fees and Services 57,600 TOTAL LOCATION COST - INTANGIBLE \$144,000 **DRILLING COST - TANGIBLE** Conductor Pipe 30,995 7012050 **Surface Casing** 94,807 Intermediate Casing 1 7012050 390,169 7012050 Intermediate Casing 2 7012050 **Production Casing** 681.885 Drlg Liner Hanger, Tieback Eq & Csg Accessories 45,581 7012050 43,757 **Drilling Wellhead Equipment** 7012550 Casing & Tubing Access 118,509 7012040 7290003 Miscellaneous MRO Materials 9,116 TOTAL DRILLING - TANGIBLE \$1,460,400 **DRILLING COST - INTANGIBLE** 7290002 Drilling Rig Mob/Demob 118,509 7290002 Drilling Rig - day work/footage 984,539 343,859 7019040 **Directional Drilling Services** 27.348 Cement and Cementing Service Surface 7019020 45,581 7019020 Cement and Cementing Service Intermediate 1 7019020 Cement and Cementing Service Intermediate 2 82.045 Cement and Cementing Service Production 154,974 7019020 126,714 7019140 Mud Fluids & Services 88,609 7012310 Solids Control equipment 7012020 246.135 7019010 **Casing Crew and Services** 91,161 152,604 7016350 Fuel (Rig) Fuel (Mud) 54,697 7019140 45,581 7001460 Water (non potable) 7012350 Water (potable) 9,116 7019000 **Well Logging Services** 29,673 7019150 Mud Logging+geosteering Stabilizers, Hole Openers, Underreamers (DH rentals) 63,813 7019250 7019110 Casing inspection/cleaning 27,348 18,232 7019110 Drill pipe/collar inspection services 45,581 7016180 Freight - truck 109,393 Water hauling and disposal (includes soil farming) 7001460 7001160 Contract Services - Disposal/Non-Hazardous Waste 145.858 Vacuum Trucks 18,232 7001440 54,697 7000030 Contract Labor - general 5,470 7000010 Contract Labor - Operations 18,232 7001200 **Contract Services - Facilities** 7019300 Well Services - Well Control Services 41.706 18,232 7019350 Well Services - Well/Wellhead Services 24,613 Rental Tools and Equipment (surface rentals) 7290003 196,908 7260001 Rig Equipment and Misc. 7001110 **Telecommunications Services** 9,116 206,753 7001120 **Consulting Services** 68,918 7001400 Safety and Environmental 24,613 7330002 Rental Buildings (trailers) 7019310 Coring (sidewalls & analysis) 412,741 7011010 8% Contingency & Taxes

60

	TOTAL DRILLING - INTANGIBLE	\$4,111,600
	TOTAL DRILLING COST	\$5,572,000
MARATHON OIL PERMIAN LLC		DATE 9/26/2023
AUTHORITY FOR EXPENDITURE		
DETAIL OF ESTIMATED WELL COSTS		
Asset Team	PERMIAN	
Field Lease/Facility	#REF!	
arconurrante Articologica.		
COMPLETION - TANGIBLE		
GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	TO THE CONTRACT OF THE CONTRAC
7012040	Tubing Accessories (nipple, wireline entry)	
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	
	TOTAL COMPLETION - TANGIBLE	\$15,000
		-
COMPLETION - INTANGIBLE		
7001270	Location and Access (dress location after rig move, set anchors)	8,715
7290002	Drilling Rig During Completion	
7019140	Mud Fluids & Services	
7019030	Coiled Tubing Services (3 runs)	136,957
7019240	Snubbing Services	_ •
7019270	Pulling/Swab Units	
7016350	Fuel (from drlg)	
7019010	Casing Crew and Services	¥
7019020	Cement and Cementing Services	
7019080	Well Testing Services (flow hand & equip)	334,841
7390002	Fracturing Services	3,583,168
7019330	Perforating	162,764
7019360	Wireline Services	
7001460	Water Hauling & Disposal (frac fluids)	250,683
7016180	Freight - Truck (haul pipe; drlg & compl)	
7290003	BOP Rental & Testing	
7290003	Rental Tools and Equipment (incl drlg; lightplant,hydra-walk)	_
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	40,464
7290003	Contract Labor - general	
7000030	Telecommunications Services	31,127
7001110	Safety and Environmental	
7001400	Consulting Services	81,863
7001120	Zipper Manifold	122,494
7019300	Frack Stack Rentals	105,830
7016180	Freight (Transportation Services)	5,976
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	158,325
7330002	Rental Buildings (trailers)	
7000030 7011010	Contract Labor - Pumping (pump-down pumps) 8% Contingency & Taxes	31,127
7011010		
	TOTAL COMPLETION - INTANGIBLE	\$5,054,333
	TOTAL COMPLETION COST	\$5,069,333
SURFACE EQUIPMENT - TANGIBLE		
SORFACE EQUITIVE IT - TANGIDE		
7012350	Misc. Piping, Fittings & Valves	90,188
7006640	Company Labor & Burden	
7000030	Contract Labor - General	97,948
7001110	Telecommunication equip (Telemetry)	_
7012410	Line Pipe & Accessories	26,110
7012270	Miscellaneous Materials (containment system)	27,197
7008060	SCADA	8,604
7016180	Freight - truck	8,999
7001190	Contract Engineering	5,572
7012290	Metering and Instrumentation	152,622

7012290	I&E Materials		89,524
7012200	Gas Treating	-	
7012200	Dehydration	-	
7012010	Compressor		10,358
7012350	Power	2	10,550
7012610	Vapor Recovery Unit		
7012440	Separator & other pressure vessels	-	144,712
7012500	Tanks		25,472
7012100	Heater Treater	5.0	75,286
7012640	Flare & Accessories		10,936
7000010	Electrical Labor		- The state of the
7000010		-	49,467
7012480	Mechanical Labor		106,972
- PROGRAMMINUT	Rod Pumping unit & Pad		-
7012180	Pumping Unit Engine	-	
7012350	Electrical Power (electrical cooperative construction costs)		20,039
	TOTAL SURFACE EQUIPMENT - TANGIBLE	()	\$950,000
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
ARTIFICIAL LIFT			
7000030	Contract Labor		2 000
7001120	Consultant	-	3,000
William Charles and Charles an		-	2,400
7008230	Time Writing/Overhead		3,000
7012180	Artificial Lift Equipment	-	157,200
7012350	Materials & Supplies		1,200
7012550	Production Tree		3,000
7012580	Tubing		63,000
7016190	Freight		3,000
7018150	Rentals		3,600
7019130	Kill Fluid		1,200
7019220	Well Services & Rig	S	14,400
	TOTAL ARTIFICIAL LIFT	-	255,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	SUMMARY OF ESTIMATED DRILLING WELL COSTS		OTAL COST
	TOTAL LOCATION COST		
	TOTAL LOCATION COST	_\$	144,000
	TOTAL DRILLING COST	\$	5,572,000
	TOTAL COMPLETIONS COST	\$	5,069,333
			The second section of the second section of the second section
	TOTAL SURFACE EQUIPMENT COST	\$	950,000
	TOTAL ARTIFICIAL LIFT COST	\$	255,000
	GRAND TOTAL COST		\$11,990,333

MARATHON OIL PERMIAN LLC AUTHORITY FOR EXPENDITURE DETAIL OF ESTIMATED WELL COSTS		DRILL	DATE ING & LOCATION PREPARED BY COMPLETION PREPARED BY FACILITIES PREPARED BY ARTIFICIAL LIFT PREPARED BY	KRISTEN DRAIN HARSHA DISSANAYAKE
Asset Team Field Lease/Facility Location	PERMIAN Wolfcamp FORMATION: WB OLMEC FEDERAL COM 806H 36-225-27E, 31-225-28E		DEVELOPMENT	EXPLORATION RECOMPLETION WORKOVER
Prospect	Malaga		-	
Est Total Depth	19,700 Est Drilling	Days24.5	Est Completion Days	7
LOCATION COST - INTANGIBLE				
GL CODE		DESCRIPTION		ESTIMATED COST
7001270	Location and Access	DESCRIPTION		ESTIMATED COST 86,400
7001250	Land Broker Fees and Se	rvices		57,600
	TOTAL LOCATION COST - INTANGIE	BLE		0 \$144,000
DRILLING COST. TANGIBLE			2	
DRILLING COST - TANGIBLE				
7001270	Conductor Pipe			45,581
7012050	Surface Casing		X	30,995
7012050	Intermediate Casing 1			94,807
7012050 7012050	Intermediate Casing 2 Production Casing			390,169
7012050	Drlg Liner Hanger, Tieba	rk Fn & Csa Accessories		681,885 45,581
7012550	Drilling Wellhead Equipr			43,757
7012040	Casing & Tubing Access			118,509
7290003	Miscellaneous MRO Mat	terials		9,116
DRILLING COST - INTANGIBLE	TOTAL DRILLING - TANGIBLE		9	\$1,460,400
7200003	Daillian Bin Mah (Dawah			****
7290002 7290002	Drilling Rig Mob/Demob			118,509 984,539
7019040				343,859
7019020	Cement and Cementing Service Surface 27,348			
7019020				45,581
7019020	Cement and Cementing Service Intermediate 2 82,04			82,045
7019020 7019140	Cement and Cementing Service Production 154,97			
7012310	Mud Fluids & Services 126,71 Solids Control equipment 88,60			88,609
7012020	Bits			246,135
7019010	Casing Crew and Service	S		91,161
7016350	Fuel (Rig)			152,604
7019140	Fuel (Mud)			54,697
7001460 7012350				45,581 9,116
7012330	Well Logging Services		=	9,116
7019150	Mud Logging+geosteerin	ng		29,673
7019250				63,813
7019110	Casing inspection/cleani	-0		27,348
7019110	Drill pipe/collar inspecti	on services		18,232
7016180 7001460				45,581 109,393
7001160				145,858
7001440				18,232
7000030				54,697
7000010	Contract Labor - Operati			5,470
7001200 7019300	Contract Services - Facili	Transition of the second		18,232
7019300	Well Services - Well Con Well Services - Well/We			41,706 18,232
7290003	Rental Tools and Equipm			24,613
7260001	Rig Equipment and Misc			196,908
7001110	Telecommunications Ser			9,116
7001120	Consulting Services			206,753
7001400	Safety and Environment			68,918
7330002	Rental Buildings (trailers			24,613
7019310 7011010	Coring (sidewalls & anal 8% Contingency & Taxes	Annual Control		412,741
	and additional of taxes			

	TOTAL DRILLING - INTANGIBLE		\$4,111,600
	TOTAL DRILLING COST		\$5,572,000
MARATHON OIL PERMIAN LLC		DATE	9/26/2023
AUTHORITY FOR EXPENDITURE		3-	
DETAIL OF ESTIMATED WELL COSTS			
	DEDAMAN		
sset Team ield	PERMIAN FORMATION: WB		
ease/Facility	#REF!		
COMPLETION - TANGIBLE			
CONFECTIONS PANGIBLE			
GL CODE	DESCRIPTION	ES	STIMATED COST
7012580	Tubing		-
7012040 7012550	Tubing Accessories (nipple, wireline entry) Wellhead Equip		15,000
7012560	Packers - Completion Equipment	=0 0	13,000
7012300	Packets - Completion Equipment	-: -	
	TOTAL COMPLETION - TANGIBLE	-	\$15,000
COMPLETION - INTANGIBLE			
7001270	Location and Access (dress location after rig move, set anchors)		8,715
7290002	Drilling Rig During Completion		
7019140	Mud Fluids & Services		
7019030	Coiled Tubing Services (3 runs)		136,957
7019240	Snubbing Services	_	-
7019270	Pulling/Swab Units	_8 9 <u></u>	-
7016350	Fuel (from drlg)	-0. 15	- 15
7019010	Casing Crew and Services	-a :	-
7019020	Cement and Cementing Services Well Testing Services (flow hand & equip)	-0 0 	334,841
7019080 7390002	Fracturing Services (flow hand & equip)	_	3,583,168
7019330	Perforating		162,764
7019360	Wireline Services	-2 25	102,701
7001460	Water Hauling & Disposal (frac fluids)	_	250,683
7016180	Freight - Truck (haul pipe; drlg & compl)		•
7290003	BOP Rental & Testing		25
7290003	Rental Tools and Equipment (incl drlg; lightplant, hydra-walk)		
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	_	40,464
7290003	Contract Labor - general		
7000030	Telecommunications Services	_	31,127
7001110	Safety and Environmental	= =	01.000
7001400	Consulting Services	-	81,863 122,494
7001120	Zipper Manifold Frack Stack Rentals		105,830
7019300 7016180	Freight (Transportation Services)		5,976
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	-8 8	158,325
7330002	Rental Buildings (trailers)		
7000030	Contract Labor - Pumping (pump-down pumps)		31,127
7011010	8% Contingency & Taxes		
	TOTAL COMPLETION - INTANGIBLE	01	\$5,054,333
	Hillian annellatin - cas as a playelitin in a playelit policion (Constitution)		400100000000000000000000000000000000000
	TOTAL COMPLETION COST	ji j <u>e</u>	\$5,069,33
SURFACE EQUIPMENT - TANGIBLE			
7012350	Misc. Piping, Fittings & Valves	_	90,188
7006640	Company Labor & Burden		07.04
7000030	Contract Labor - General Telecommunication equip (Telemetry)		97,94
7001110 7012410	Line Pipe & Accessories	= =	26,11
7012270	Miscellaneous Materials (containment system)	-	27,19
7008060	SCADA		8,60
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Freight - truck	_	8,99
7016180	Freight - truck		
7016180 7001190	Contract Engineering	-	5,572

7012290	I&E Materials		89,524		
7012200	Gas Treating				
7012200	Dehydration				
7012010	Compressor	**	10,358		
7012350	Power	***			
7012610	Vapor Recovery Unit	-			
7012440	Separator & other pressure vessels	144,712			
7012500	Tanks		25,472		
7012100	Heater Treater	-	75,286		
7012640	Flare & Accessories	-	10,936		
7000010	Electrical Labor	-	49,467		
The state of the s		-			
7000010	Mechanical Labor		106,972		
7012480	Rod Pumping unit & Pad	201			
7012180	Pumping Unit Engine				
7012350	Electrical Power (electrical cooperative construction costs)		20,039		
	TOTAL SURFACE EQUIPMENT - TANGIBLE	8	\$950,000		
	TOTAL SURFACE EQUIPMENT COST	\$	950,000		
ARTIFICIAL LIFT			13		
700030	Contract labor		3 000		
	Contract Labor	-	3,000		
7001120	Consultant	-	2,400		
7008230	Time Writing/Overhead	-	3,000		
7012180	Artificial Lift Equipment		157,200		
7012350	Materials & Supplies		1,200		
7012550	Production Tree	_	3,000		
7012580	Tubing		63,000		
7016190	Freight	-	3,000		
7018150	Rentals		3,600		
7019130	Kill Fluid		1,200		
7019220	Well Services & Rig	14,400			
	TOTAL ARTIFICIAL LIFT		255,000		
	TOTAL ARTIFICIAL LIFT COST	\$	255,000		
	SUMMARY OF ESTIMATED DRILLING WELL COSTS	T	OTAL COST		
		51.520			
	TOTAL LOCATION COST	\$	144,000		
	TOTAL DRILLING COST	\$	5,572,000		
	TOTAL COMPLETIONS COST	\$	5,069,333		
	TOTAL SURFACE EQUIPMENT COST	\$ 5,572,000 \$ 5,069,333 \$ 950,000 \$ 255,000			
	TOTAL ARTIFICIAL LIFT COST				
	TOTAL ARTIFICIAL LIFT COST	4	233,000		
	GRAND TOTAL COST		\$11,990,333		

Matador Production Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240 Voice 972.371.5430 • Fax 214.866.4930 ccarleton@matadorresources.com

Chris Carleton Vice President of Land Operations

April 2, 2024

Samuel A. Cox Staff Land Professional Permian Land Marathon Oil Permian LLC 990 Town & Country Blvd. Houston, TX 77024

Re: Contested Force Pooling Cases involving Marathon Oil Permian LLC's ("Marathon") (i) Olmec project to develop the Wolfcamp formation in Section 31, Township 22 South, Range 28 East, and Section 36, Township 22 South, Range 27 East, Eddy County, New Mexico (Case No. 24336) ("Olmec Unit"), and (ii) Blue Barracuda and Red Jaguar projects, which collectively develop the Bone Spring formation in Section 31 and 32, Township 22 South, Range 28 East, and Section 36, Township 22 South, Range 27 East, Eddy County, New Mexico (Case Nos. 24183 and 24182) ("Blue Barracuda & Red Jaguar Units").

To whom it may concern,

As you know, MRC Permian Company ("MRC") owns a working interest in certain tracts within each of Marathon's Olmec Unit, Blue Barracuda & Red Jaguar Units, referenced above. MRC is aware of the upcoming force pooling hearings for these projects.

In connection with those force pooling hearings, I write to confirm that MRC is in support of Marathon as operator for its proposed Olmec Unit, Blue Barracuda & Red Jaguar Units. For purposes of the hearing, MRC wishes for its working interest to be considered as committed to Marathon's development plan in each of its Olmec Unit, Blue Barracuda & Red Jaguar Units. MRC plans to enter a mutually-agreeable joint operating agreement naming Marathon as operator for the Olmec Unit, Blue Barracuda & Red Jaguar Units soon after Marathon's force pooling applications are approved by the New Mexico Oil Conservation Division.

Please feel free to submit this letter of support in connection with your filings in the abovereferenced force pooling proceedings.

Sincerely,

11/1/1/

Chris Carleton

Vice President of Land Operations

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

AF	FI	D	A	V	T	T
~ ~~			_		_	_

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

Matt Baker, being duly sworn, deposes and states:

- I am over the age of 18, I am a geologist for Marathon Oil Permian LLC, and have personal knowledge of the matters stated herein.
- I have previously testified before the Division and my credentials as an expert petroleum geologist were accepted as a matter of record.
- My area of responsibility at Marathon includes the area of Eddy County in New Mexico.
 - 4. I am familiar with the application Marathon filed in this case.
- Exhibit C.1 is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.
 - 6. Exhibit C.2 is a wellbore schematic showing Marathon's development plan.
- 7. Exhibits C.3 through C.6 are the geology study I prepared for the Olmec Federal Com 701H, Olmec Federal Com 702H, Olmec Federal Com 703H, and Olmec Federal Com 704H wells, which will target the Wolfcamp A formation.



- 8. **Exhibit C.3** is a structure map of the top of the Wolfcamp formation. The proposed spacing unit is identified by a black dashed box. The proposed wells are identified by red lines. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the Wolfcamp dips towards the east.
- 9. **Exhibit C.4** is a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.
- 10. **Exhibit C.5** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Upper Wolfcamp formation in the area. The target zone for the wells is identified by the words "Producing Zone" and the shaded area across the cross section. I conclude that the Upper Wolfcamp is near constant thickness across the area.
- Exhibit C.6 is a Gross Interval Isochore for the Upper Wolfcamp. The Upper Wolfcamp has consistent thickness across the unit.
- Exhibits C.7 through C.10 are the geology study I prepared for the Olmec Federal
 Com 805H, and Olmec Federal Com 806H wells, which will target the Wolfcamp B formation.
- 13. **Exhibit C.7** is a structure map of the top of the Wolfcamp B formation. The proposed spacing unit is identified by a black dashed box. The proposed wells are identified by red lines. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the Wolfcamp B dips towards the east.
- 14. **Exhibit C.8** is a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.
- 15. **Exhibit C.9** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Wolfcamp B formation in the area. The target zone for

the wells is identified by the words "Producing Zone" and the shaded area across the cross section.

I conclude that the Wolfcamp B thickens towards the southeast.

- 16. Exhibit C.10 is a Gross Interval Isochore for the Wolfcamp B formation. The Wolfcamp B has consistent thickness across the unit.
- 17. **Exhibits C.11** through **C.14** are the geology study I prepared for the Olmec Federal Com 801H, Olmec Federal Com 802H, Olmec Federal Com 803H, Olmec Federal Com 804H, wells, which will target the Wolfcamp C formation.
- 18. **Exhibit C.11** is a structure map of the top of the Wolfcamp C formation. The proposed spacing unit is identified by a black dashed box. The proposed wells are identified by red lines. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the Wolfcamp C dips towards the east.
- 19. **Exhibit C.12** is a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.
- 20. **Exhibit C.13** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Wolfcamp C formation in the area. The target zone for the wells is identified by the words "Producing Zone" and the shaded area across the cross section. I conclude that the Wolfcamp C thickens towards the southeast.
- 21. **Exhibit C.14** is a Gross Interval Isochore for the Wolfcamp C formation. The Wolfcamp C thickens to the south but is consistent within the unit.
 - 22. I conclude from the maps that:
 - a. The horizontal spacing unit is justified from a geologic standpoint.
 - There are no structural impediments or faulting that will interfere with horizontal development.

- Each quarter quarter section will contribute more or less equally to production.
- Exhibit C.15 provides an overview of the stress orientation in the area based on the 2018 Snee-Zoback paper.
- 24. The preferred well orientation in this area is either North/South or East/West. This is because the S_{Hmax} is at approximately is at approximately 45° in this part of Eddy County.
- 25. The exhibits to this affidavit were prepared by my or under my supervision or compiled from company business records.
- 26. In my opinion, the granting of Marathon's application is in the interests of conservation and the prevention of waste.

State of _ Texas

County of Harris

This record was acknowledged before me on May 13, 2024, by Matt Baker.

Farley Duvall Commission Expires 8/16/2027 Notary ID132103472

Notary Public in and for the

State of Texas

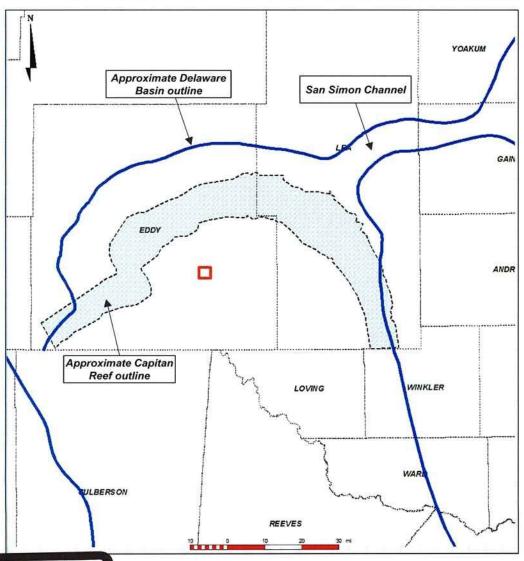
Commission Number: 132 (03477

My Commission Expires:

Received by OCD: 5/14/2024 10:05:58 AM

Olmec Fed Com Unit

Locator Map



- Approximate location of proposed Olmec Fed well locations shown with red box
- Located outside of the Capitan Reef
- · Mid-eastern Eddy County

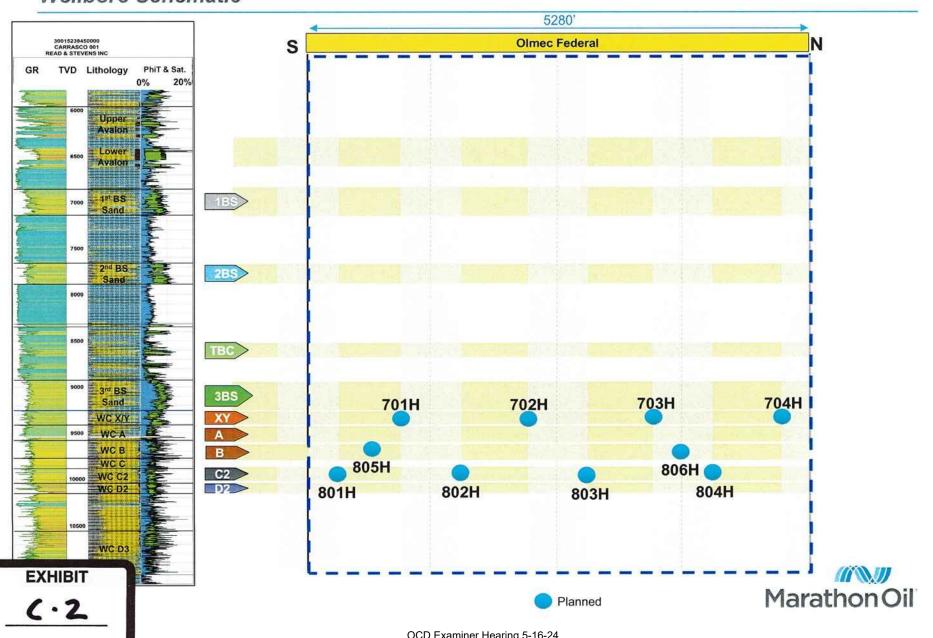


EXHIBIT C. I

Received by OCD: 5/14/2024 10:05:58 AM

Olmec Fed Com Unit

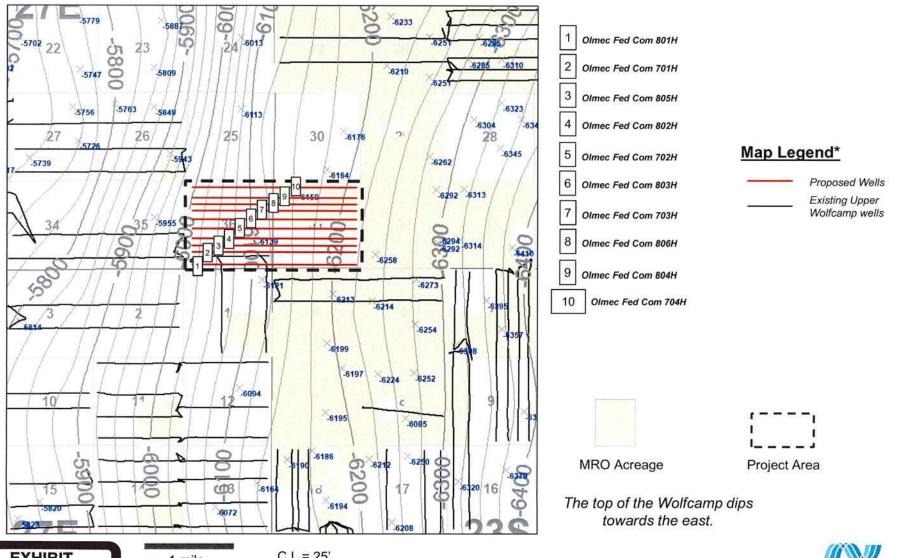
Wellbore Schematic



OCD Examiner Hearing 5-16-24 No. 24336

Olmec Fed Com Unit

Structure Map – Top of Wolfcamp (TVDSS)



EXHIBIT

1 mile

C.I. = 25'

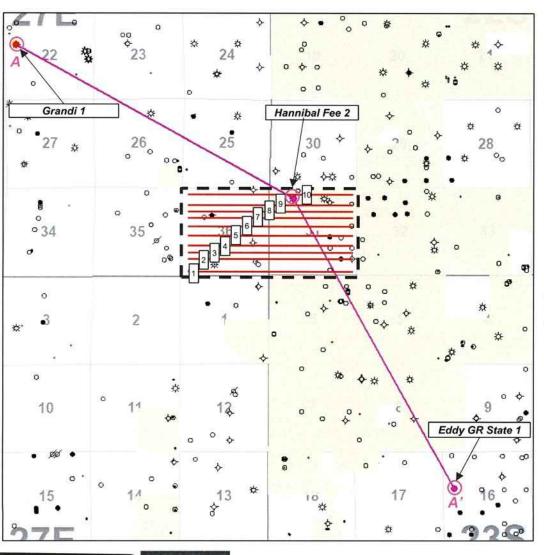
Marathon Oil

OCD Examiner Hearing 5-16-24 No. 24336

Received by OCD: 5/14/2024 10:05:58 AM

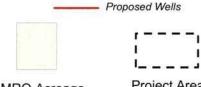
Olmec Fed Com Unit

Reference Map for Cross Section



- Olmec Fed Com 801H
- Olmec Fed Com 701H
- Olmec Fed Com 805H
- Olmec Fed Com 802H
- Olmec Fed Com 702H
- Olmec Fed Com 803H
- Olmec Fed Com 703H
- Olmec Fed Com 806H
- Olmec Fed Com 804H
- Olmec Fed Com 704H

Map Legend*



MRO Acreage

Project Area



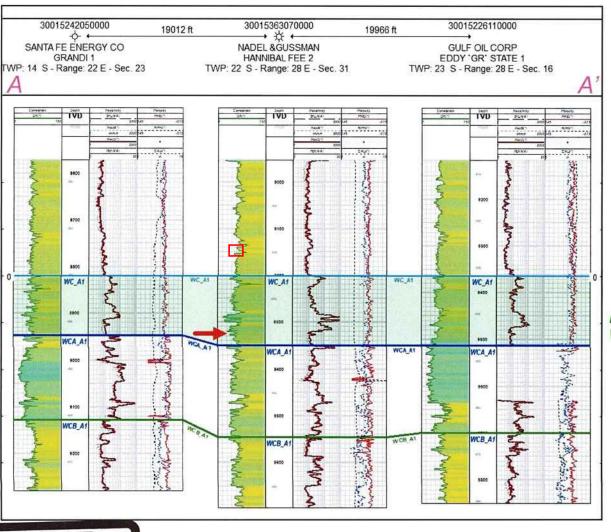
1 mile

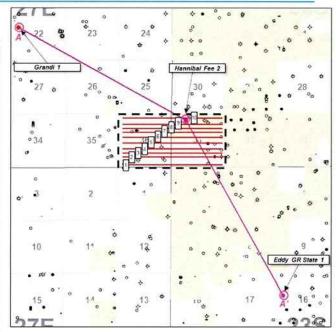
C.I. = 25'



Olmec Fed ComUnit

Stratigraphic Cross Section (Top Wolfcamp Datum)





Producing Zone – Wolfcamp X-Y Sands

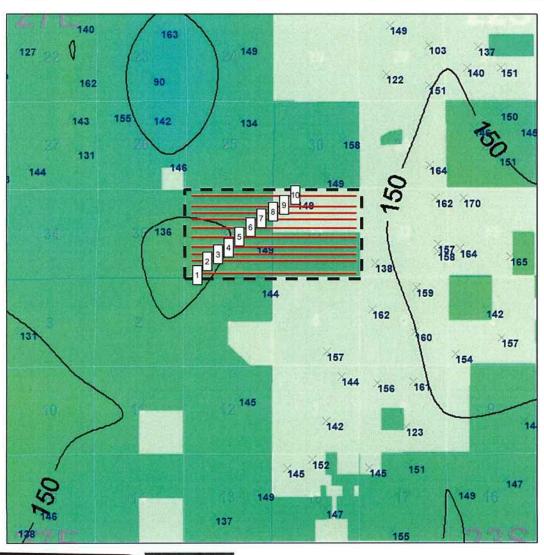
Upper Wolfcamp is near constant thickness across the area





Olmec Fed Com Unit

Gross Interval Isochore - Top Wolfcamp to Top Wolfcamp A



- 1 Olmec Fed Com 801H
- 2 Olmec Fed Com 701H
- 3 Olmec Fed Com 805H
- 4 Olmec Fed Com 802H
- 5 Olmec Fed Com 702H
- 6 Olmec Fed Com 803H
- 7 Olmec Fed Com 703H
- 8 Olmec Fed Com 806H
- 9 Olmec Fed Com 804H
- 10 Olmec Fed Com 704H

Map Legend*

Proposed Wells





MRO Acreage

Project Area

The Upper Wolfcamp has consistent thickness across the unit



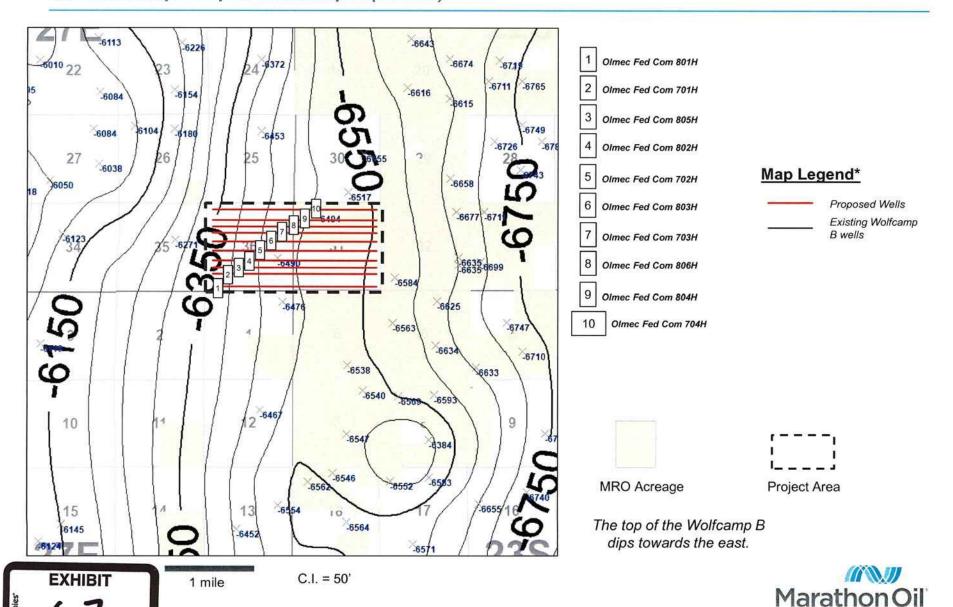
1 mile

C.I. = 25'



Olmec Fed Com Unit

Structure Map - Top of Wolfcamp B (TVDSS)

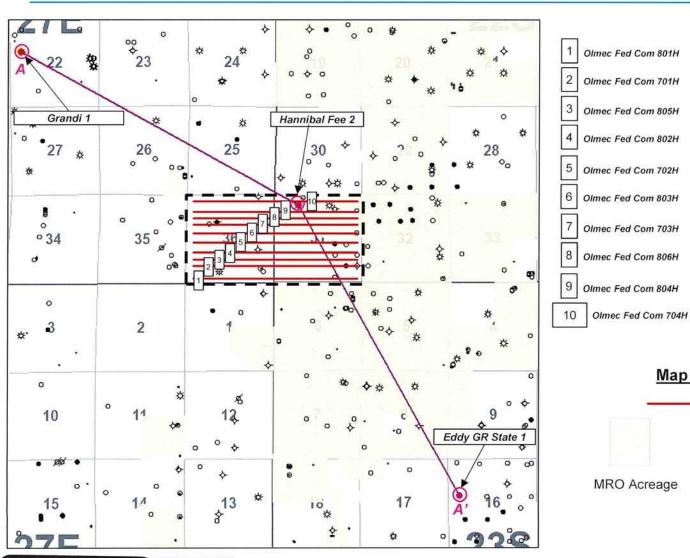


OCD Examiner Hearing 5-16-24 No. 24336 78 Page 81 of 106

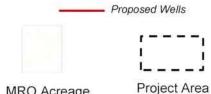
Received by OCD: 5/14/2024 10:05:58 AM

Olmec Fed Com Unit

Reference Map for Cross Section



Map Legend*



EXHIBIT

1 mile

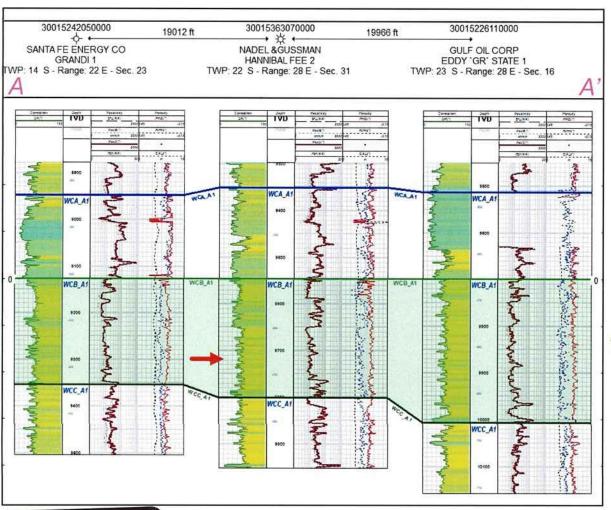
C.I. = 25'

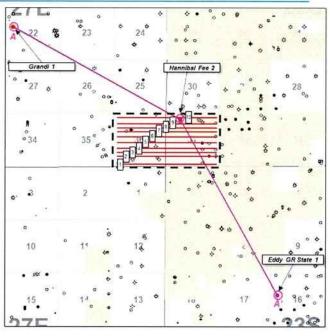
Marathon Oil

OCD Examiner Hearing 5-16-24 No. 24336

Olmec Fed ComUnit

Stratigraphic Cross Section (Top Wolfcamp B Datum)





Producing Zone – Wolfcamp B

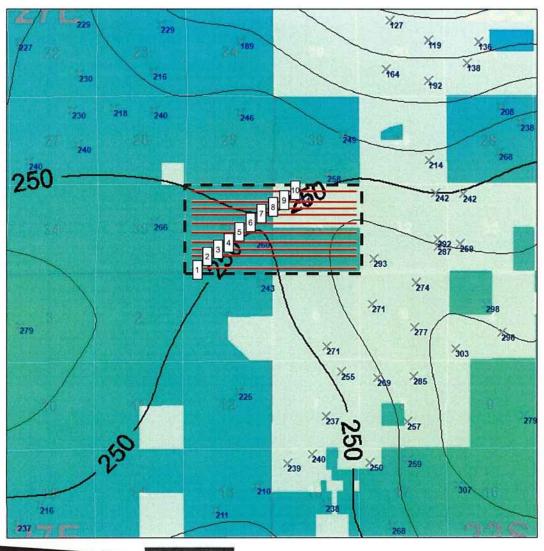
Wolfcamp B thickens towards the southeast





Olmec Fed Com Unit

Gross Interval Isochore - Top Wolfcamp B to Top Wolfcamp C



- 1 Olmec Fed Com 801H
- 2 Olmec Fed Com 701H
- 3 Olmec Fed Com 805H
- 4 Olmec Fed Com 802H
- 5 Olmec Fed Com 702H
- 6 Olmec Fed Com 803H
- 7 Olmec Fed Com 703H
- 8 Olmec Fed Com 806H
- 9 Olmec Fed Com 804H
- 10 Olmec Fed Com 704H

Map Legend*

Proposed Wells





MRO Acreage

Project Area

The Wolfcamp B has consistent thickness across the unit



1 mile

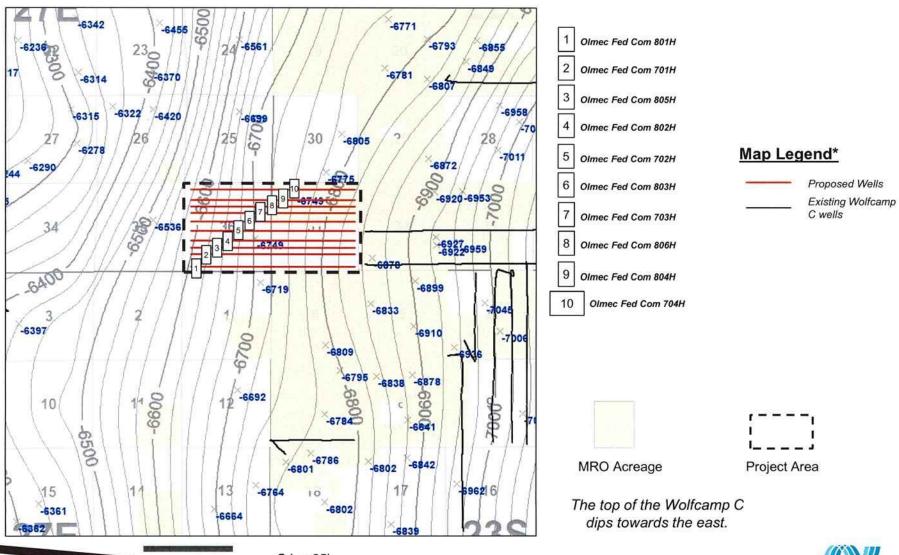
C.I. = 25'



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Olmec Fed Com Unit

Structure Map - Top of Wolfcamp C (TVDSS)





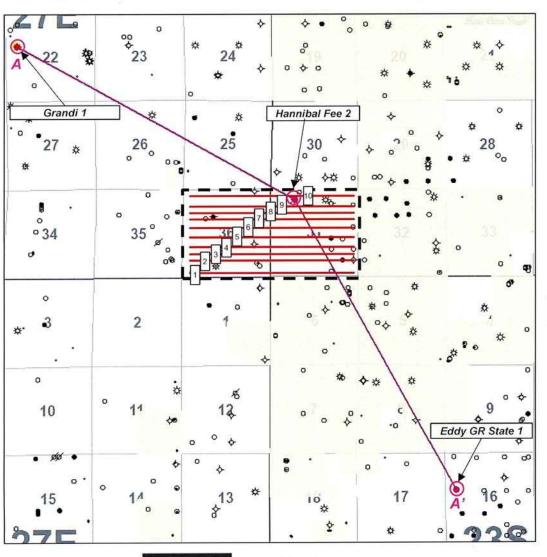
C.I. = 25'

1 mile



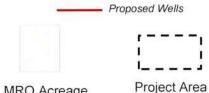
Olmec Fed Com Unit

Reference Map for Cross Section



- Olmec Fed Com 801H
- Olmec Fed Com 701H
- Olmec Fed Com 805H
- Olmec Fed Com 802H
- Olmec Fed Com 702H
- Olmec Fed Com 803H
- Olmec Fed Com 703H
- Olmec Fed Com 806H
- Olmec Fed Com 804H
- 10 Olmec Fed Com 704H

Map Legend*



MRO Acreage



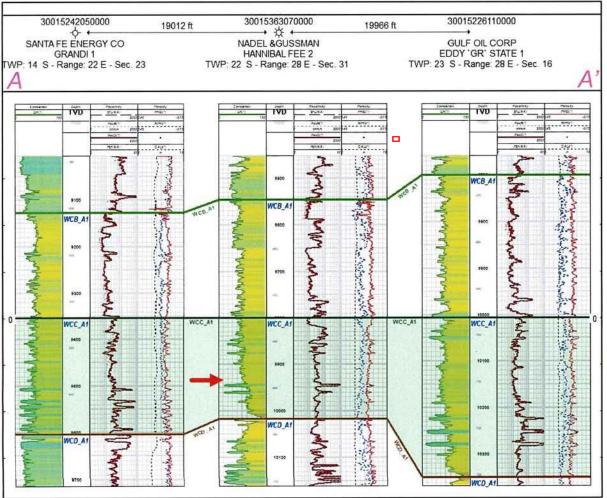
C.I. = 25'

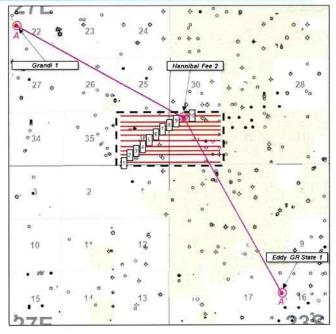
1 mile



Olmec Fed ComUnit

Stratigraphic Cross Section (Top Wolfcamp C Datum)





Producing Zone – Wolfcamp C

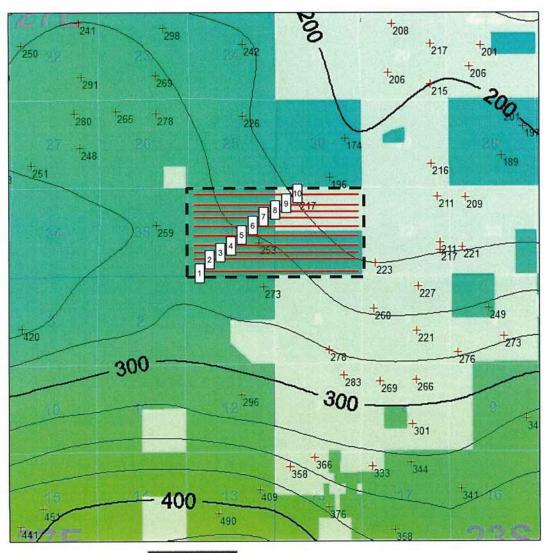
Wolfcamp C thickens towards the southeast





Olmec Fed Com Unit

Gross Interval Isochore - Top Wolfcamp C to Top Wolfcamp D



- Olmec Fed Com 801H
- Olmec Fed Com 701H
- Olmec Fed Com 805H
- Olmec Fed Com 802H
- Olmec Fed Com 702H
- Olmec Fed Com 803H
- Olmec Fed Com 703H
- Olmec Fed Com 806H
- Olmec Fed Com 804H
- Olmec Fed Com 704H

Map Legend*

Proposed Wells Project Area

MRO Acreage

The Wolfcamp C thickens to the south but is consistent

within the unit



1 mile

C.I. = 25'

EXHIBIT

Olmec Fed Com Unit

Preferred Well Orientation - SHmax

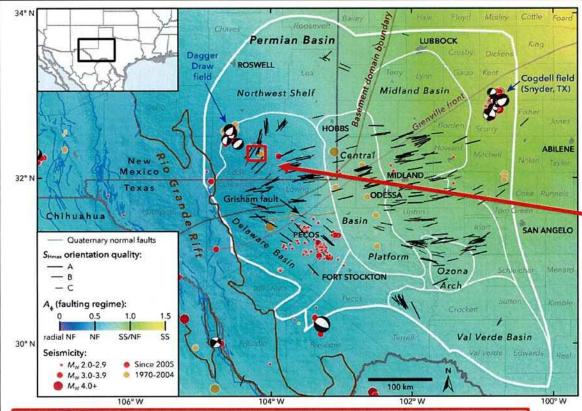


Figure 1. State of stress in the Permian Basin, Texas and New Mexico. Black lines are the measured orientations of the maximum horizontal stress (S____) parameter (see text for details) of Simpson (1997). Blue lines are fault traces known to have experienced normal-sense offset within the past 1.6 Ma, from the USGS Quaternary Faults and Folds Database (Crone and Wheeler, 2000). The boundary between the Shawnee and Mazatzal basement domains is from Lund et al. (2015), and the Precambrian Grenville Front is from Thomas (2006). The Permian Basin boundary is from the U.S. Energy Information Administration, and the subbasin boundaries are from the Texas Bureau of Economic Geology Permian Basin Geological Synthesis Project. Earthquakes are from the USGS National Earthquake Information Center, the TexNet Seismic Monitoring Program, and Gan and Frohlich (2013), Focal mechanisms are from Saint Louis University (Herrmann et al., 2011)

Source:

Snee, J.L. & M.D. Zoback, 2018, State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity: The Leading Edge, 810-819, https://doi.org/10.1190/tle37020810.1.



Preferred well orientation is either N/S or E/W

As outlined in Snee & Zoback (2018), SHmax is at approximately 45° in this part of Eddy Count. As a result, hydraulic fractures will prefer to propagate outwards at 45° regardless if wells are oriented N/S or E/W.

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO

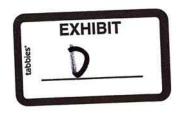
CASE NO. 24336

SELF-AFFIRMED DECLARATION OF DEANA M. BENNETT

Deana M. Bennett, attorney in fact and authorized representative of Marathon Oil Permian, LLC, the Applicant herein, declares as follows:

- The above-referenced Application was provided under notice letter, dated March
 14, 2024, attached hereto, labeled Exhibit D.1.
- Exhibit D.2 is the mailing list, which show the notice letters were delivered to the
 USPS for mailing March 14, 2024.
- 3) Exhibit D.3 is the certified mailing tracking information, which is automatically compiled by CertifiedPro, the software Modrall uses to track the mailings. This spreadsheet shows the names and addresses of the parties to whom notice was sent and the status of the mailing.
- 4) Exhibit D.4 is the Affidavit of Publication from the Carlsbad Current Argus, confirming that notice of the April 4, 2024 hearing was published on March 19, 2024.
- 5) I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

 Dated: April 1, 2024



Dema 4 Bennett

Deana M. Bennett



March 14, 2024

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

Deana M. Bennett 505.848.1834 dmb@modrall.com

Re: APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

TO: AFFECTED PARTIES

This letter is to advise you that Marathon Oil Permian, LLC ("Marathon") has filed the enclosed application.

In Case No. 24336, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit underlying all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will target the Purple Sage Wolfcamp Gas Pool (Code 98220) and be dedicated to the Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31; the Olmec Federal Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31; the Olmec Federal Com 703H, Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and the Olmec Federal Com 704H, Olmec Federal Com 804H and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31. The producing area for the wells is expected to be orthodox. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com



Page 2

allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162). Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5.45 miles northwest of Loving, New Mexico.

The hearing is set for April 4, 2024, beginning at 8:15 a.m. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: https://www.emnrd.nm.gov/ocd/hearing-info/.

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,

Deana M. Bennett

Attorney for Applicant

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NO. 24336

APPLICATION

Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit comprised of all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. Marathon also seeks, to the extent necessary, approval of an overlapping spacing unit. In support of this application, Marathon states as follows:

- Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
 - 2. Marathon seeks to dedicate the spacing unit to the following wells:
 - a) The Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31;
 - b) The Olmec Federal Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take

- points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31;
- c) The Olmec Federal Com 703H and Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and
- d) The Olmec Federal Com 704H, Olmec Federal Com 804H, and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31.
- 3. The producing area for the wells is expected to be orthodox.
- 4. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
- These wells will be located within the Purple Sage Wolfcamp Gas Pool (Code
 98220), which is subject to special pool rules that establish 330-foot setback requirements.
 - These wells will comply with the Division's setback requirements for this pool.
- 7. Marathon's proposed spacing unit in this case will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162).

8. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

9. The pooling of all interests in the Wolfcamp formation underlying the proposed unit and approving the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on April 4, 2024 and after notice and hearing as required by law, the Division enter its order:

A. Pooling all uncommitted interests in the Wolfcamp formation underlying a horizontal spacing unit within all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico;

B. Approving, to the extent necessary, the proposed overlapping spacing unit;

C. Designating Marathon as operator of this unit and the wells to be drilled thereon;

D. Authorizing Marathon to recover its costs of drilling, equipping and completing the wells;

E. Approving actual operating charges and costs charged for supervision,
 together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

Received by OCD: 3/5/2024 3:03:27 PM

By: Deena M. Bennett

Earl E. DeBrine, Jr Deana M. Bennett Yarithza Peña

Post Office Box 2168 500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800

edebrine@modrall.com
deana.bennett@modrall.com
yarithza.pena@modrall.com
Attorneys for Marathon Oil Permian LLC

CASE NO. 24336 : Application of Marathon Oil Permian LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a standard 1,280-acre, more or less, Wolfcamp horizontal spacing unit underlying all of Section 36, Township 22 South, Range 27 East, and all of Section 31, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will target the Purple Sage Wolfcamp Gas Pool (Code 98220) and be dedicated to the Olmec Federal Com 701H and Olmec Federal Com 801H wells to be horizontally drilled with proposed first take points in the SW/4 SW/4 (Unit M) of Section 36 and proposed last take points in the SE/4 SE/4 (Unit P) of Section 31; the Olmec Federal Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31; the Olmec Federal Com 703H, Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and the Olmec Federal Com 704H, Olmec Federal Com 804H and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31. The producing area for the wells is expected to be orthodox. The completed intervals for the Olmec Federal Com 702H and Olmec Federal Com 803H are expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 22S 27E RB #204H well (API: 30-015-43162). Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5.45 miles northwest of Loving, New Mexico.

Type of Mailing: CERTIFIED MAIL 03/14/2024

Colorada Colorada		man ling Roehl Harris & Sisk P.A. reet, Suite 1000 NM 87102	PS Form Type of Mailing: CEI 03/14/20	RTIFIED MAIL		ng Book ID: 262254	Received by OCD: 5/14/2024 10:05:58 AM		
rg: 5/	Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents	5/14/
14/202	1	9314 8699 0430 0118 6259 15	OXY USA WTP, LP 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	2024 1
10:44:4	2	9314 8699 0430 0118 6259 22	MRC Permian Company One Lincoln Center 5400 LBJ Freeway, Suite 1500 Dallas TX 75240	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	9:05:58 A
6 AM	3	9314 8699 0430 0118 6259 39	Richardson Mineral & Royalty, LLC P.O. Box 2423 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	N
	4	9314 8699 0430 0118 6259 46	Tim Cavanaugh 7217 Hollis St. NE Albuquerque NM 87109	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	5	9314 8699 0430 0118 6259 53	Colleen Blackman 739 Homestead Circle	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	6	9314 8699 0430 0118 6259 60	Cathy Jones 1400 N. Fannin San Benito TX 78586	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	7	9314 8699 0430 0118 6259 77	Patricia Gourley No. 18 Wycklow Overland Park KS 66207	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	8	9314 8699 0430 0118 6259 84	John D. Gourley No. 18 Wycklow Overland Park KS 66207	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	9	9314 8699 0430 0118 6259 91	Charles R. Wiggins P.O. Box 10862 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	10	9314 8699 0430 0118 6260 04	Richard Donnelly, Trustee Under the George A. Donnelly TA FBO P.O. Box 3506 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	11	9314 8699 0430 0118 6260 11	Richard Donnelly 315 Brownell Howland Road Santa Fe NM 87501	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
	12	9314 8699 0430 0118 6260 28	Eastland Oil Company 415 W. Wall Street, # 1415 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
tat	bles*	9314 8699 0430 0118 6260 35	Hooker Energy, LLC 400 Pine Street, Suite 300 Abilene TX 79601	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	
5	⊅ 🖫	9314 8699 0430 0118 6260 42	RL & JJ Stevens FP, LP P.O. Box 51240 Midland TX 79710	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	F
1	D EXHIBIT	9314 8699 0430 0118 6260 59	MAP2006-OK 101 North Robinson, Suite 1000 Oklahoma City OK 73102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice	Page 99 o

OCD Examiner Hearing 5-16-24

No. 24336 96

Page 1 2024 Walz CertifiedPro.net

Type of Mailing: CERTIFIED MAIL 03/14/2024

arlene Schuman odrall Sperling Roehl Harris & Sisk P.A. 00 Fourth Street, Suite 1000 buquerque NM 87102		PS Type of Mailin	Firm Mailing Book ID: 262254				
Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
16	9314 8699 0430 0118 6260 66	Mike Stewart 3714 Mark Lane Midland TX 79707	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
17	9314 8699 0430 0118 6260 73	David Farmer P.O. Box 1173 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
18	9314 8699 0430 0118 6260 80	Robert H. Marshall P.O. Box 1422 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
19	9314 8699 0430 0118 6260 97	William L. Porter 1700 Community Ln.	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
20	9314 8699 0430 0118 6261 03	Rendova Oil Co., Inc. P.O. Box 3106 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
21	9314 8699 0430 0118 6261 10	Melissa O'Kelley P.O. Box 3106 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
22	9314 8699 0430 0118 6261 27	Vetherine Puggell Cohmids	2/ \$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
23	9314 8699 0430 0118 6261 34	P.O. Box 2318 Edmond OK 73083 Deborah Russell Neujahr P.O. Box 3753 Littleton CO 80161	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
24	9314 8699 0430 0118 6261 41	Lana Russell P.O. Box 303424 Austin, TX 78703 TX 78703	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
25	9314 8699 0430 0118 6261 58	Spinnaker Oil & Gas, LP 415 W. Wall Street, Suite 1415 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
26	9314 8699 0430 0118 6261 65	Bantam Royalties, LLC 1011 W. Wall Street Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
27	9314 8699 0430 0118 6261 72	TLM4, Ltd. 808 W. Wall St. Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
28	9314 8699 0430 0118 6261 89		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
29	9314 8699 0430 0118 6261 96	Serenity Resources, LLC P.O. Box 5240 Midland TX 79704	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
30	9314 8699 0430 0118 6262 02	Williams WTX, LP 6000 Green Hill Court Midland TX 79707	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240,24336 Notice

Type of Mailing: CERTIFIED MAIL 03/14/2024

Received by OCD: 5/14/2024 10:05:58 AM

Fourth S	iman rling Roehl Harris & Sisk P.A. treet, Suite 1000 e NM 87102		PS Form 3877 Type of Mailing: CERTIFIED MAIL 03/14/2024	L		Firm Mail	ing Book ID: 262254
Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
31	9314 8699 0430 0118 6262 19	Margaret Jones Kennedy P.O. Drawer 432 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
32	9314 8699 0430 0118 6262 26	Orla Petco Inc. P.O. Box 695 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
33	9314 8699 0430 0118 6262 33	Ruth S. Bell 900 W. Cuthbert Ave. Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
34	9314 8699 0430 0118 6262 40	L.S. Henry, LLC P.O. Box 742735 Dallas TX 75374	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
35	9314 8699 0430 0118 6262 57	Zunis Energy, LLC 15 East 5th Street, Suite 3300 Tulsa OK 74119	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
36	9314 8699 0430 0118 6262 64	Susannah D. Adelson, Trustee of James Adelson & Fam. 2015 To 15 East 5th Street, Suite 3300 Tulsa OK 74103	usts	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
37	9314 8699 0430 0118 6262 71	SSC, Inc. P.O. Box 321425 Jackson MS 39232	PLBUQUERQUE \$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
38	9314 8699 0430 0118 6262 88	Principal Properties Doug & Suzanne Laufer 1603 Enfield Road, Suite 101 Austin TX 78703	MAR 14 202	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
39	9314 8699 0430 0118 6262 95	Andrews Oil, LP C/o DJA, LLC 3715 Windsor Road Austin TX 78703	\$1.63 \$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
40	9314 8699 0430 0118 6263 01	STR Corporation 3150 McMasters Road Billings MT 59101	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
41	9314 8699 0430 0118 6263 18	Samuel H. Jolliffe, IV 3150 McMasters Road Billings MT 59101	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
42	9314 8699 0430 0118 6263 25	Teresa H. Jolliffe 408 Kenniston Austin TX 78752	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
43	9314 8699 0430 0118 6263 32		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336 Notice
44	9314 8699 0430 0118 6263 49	McCombs Energy, Ltd. 755 East Mulberry, Suite 600 San Antonio TX 78212	\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice

Type of Mailing: CERTIFIED MAIL 03/14/2024

Firm Mailing Book ID: 262254

g: 5/	Line	USPS Article Number	Name, Street, City, State, Zip		Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
14/2024	45	9314 8699 0430 0118 6263 56	CM Resources II, LLC 300 N. Marienfeld Street, Suite 1000 Midland TX 79701		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
10:44:46	46	9314 8699 0430 0118 6263 63	Colgate Energy Management, LLC 300 N. Marienfeld Street, Suite 1000 Midland TX 79701		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
:46 AM	47	9314 8699 0430 0118 6263 70	Colgate Opportunistic Investments I, LLC 300 N. Marienfeld Street, Suite 1000 Midland TX 79701		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
	48	9314 8699 0430 0118 6263 87	Northern Oil and Gas, Inc. 4350 Baker Road, Suite 400 Minnetonka MN 55343		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
	49	9314 8699 0430 0118 6263 94	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508		\$1.63	\$4.40	\$2.32	\$0.00	81363.0240.24336. Notice
				Totals:	\$79.87	\$215.60	\$113.68	\$0.00	
						Grand	Total:	\$409.15	

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List Number of Pieces	Total Number of Pieces	Postmaster:	Dated:
Listed by Sender	Received at Post Office	Name of receiving employee	

49



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Transaction Report Details - CertifiedPro.net Firm Mail Book ID= 262254 Generated: 5/13/2024 10:37:35 AM

USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
114869904300118626394	2024-03-14 12:35 PM	81363.0240.24336.	United States of America	Bureau of Land Management	Santa Fe	NM	87508	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 11:19 A
14869904300118626387	2024-03-14 12:35 PM	81363.0240.24336.	Northern Oil and Gas, Inc.		Minnetonka	MN	55343	Delivered	Return Receipt - Electronic, Certified Mail	
14869904300118626370	2024-03-14 12:35 PM	81363.0240.24336.	Colgate Opportunistic Investments I, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:39 PI
114869904300118626363	2024-03-14 12:35 PM	81363.0240.24336.	Colgate Energy Management, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:39 PI
114869904300118626356	2024-03-14 12:35 PM	81363.0240.24336.	CM Resources II, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:39 Pt
14869904300118626349	2024-03-14 12:35 PM	81363.0240.24336.	McCombs Energy, Ltd.		San Antonio	TX	78212	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626332	2024-03-14 12:35 PM	81363.0240.24336.	Westall Oil & Gas, LLC		Loco Hills	NM	88255	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 11:03 A
314869904300118626325	2024-03-14 12:35 PM	81363.0240.24336.	Teresa H. Jolliffe		Austin	TX	78752	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626318	2024-03-14 12:35 PM	81363.0240.24336.	Samuel H. Jolliffe, IV		Billings	MT	59101	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626301	2024-03-14 12:35 PM	81363.0240.24336.	STR Corporation		Billings	MT	59101	Undelivered - To Be Returned	Return Receipt - Electronic, Certified Mail	
314869904300118626295	2024-03-14 12:35 PM	81363.0240.24336	Andrews Oil, LP	C/o DIA, LLC	Austin	TX	78703	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 12:16 Pt
314869904300118626288	2024-03-14 12:35 PM	81363.0240.24336.	Principal Properties	Doug & Suzanne Laufer	Austin	TX	78703	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 10:59 AN
14869904300118626271	2024-03-14 12:35 PM	81363.0240.24336.	SSC, Inc.		Jackson	MS	39232	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-25 10:04 AM
314869904300118626264	2024-03-14 12:35 PM	81363.0240.24336.	Susannah D. Adelson, Trustee of the	James Adelson & Fam. 2015 Trusts	Tulsa	OK	74103	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626257	2024-03-14 12:35 PM		Zunis Energy, LLC		Tulsa	OK	74119	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-19 12:48 PM
314869904300118626240	2024-03-14 12:35 PM		L.S. Henry, LLC		Dallas	TX	75374	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626233	2024-03-14 12:35 PM		Ruth S. Bell		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 12:24 Pf
314869904300118626226			Orfa Petco Inc.		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-29 1:35 Pt
314869904300118626219	2024-03-14 12-35 PM		Margaret Jones Kennedy		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-22 2:23 Pf
314869904300118626202	2024-03-14 12:35 PM		Williams WTX, LP		Midland	TX	79707	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626196	2024-03-14 12:35 PM		Serenity Resources, LLC		Midland	TX	79704	Lost	Return Receipt - Electronic, Certified Mail	
114869904300118626189	2024-03-14 12:35 PM		TAS Royalty Company		Austin	TX	78763	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 3:11 Pf
314869904300118626172	2024-03-14 12:35 PM		TLM4, Ltd.		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:08 Pf
314869904300118626165	2024-03-14 12:35 PM		Bantam Royalties, LLC		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 10:05 AM
314869904300118626158	2024-03-14 12:35 PM		Spinnaker Oil & Gas, LP		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 2:51 Pf
314869904300118626141	2024-03-14 12:35 PM		Lana Russell		Austin, TX 78703	TX	78703	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-22 2:00 Pf
314869904300118626134	2024-03-14 12:35 PM		Deborah Russell Neuiahr		Littleton	co	80161	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:28 Pf
314869904300118626127	2024-03-14 12:35 PM		Katherine Russell Schmidt		Edmond	OK	73083	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-20 12:07 PM
314869904300118626110			Melissa O'Kelley		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-27 10:25 AM
314869904300118626103	2024-03-14 12:35 PM		Rendova Oil Co., Inc.		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-27 10:25 AN
			William L. Porter		Midland	TX	79701	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626097	2024-03-14 12:35 PM 2024-03-14 12:35 PM		Robert H. Marshall		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-19 10:20 AN
314869904300118626080			David Farmer		Midland	TX	79702	Lost	Return Receipt - Electronic, Certified Mail	-30-10-10
314869904300118626073	2024-03-14 12:35 PM				Midland	TX	79707	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118626066	2024-03-14 12:35 PM		Mike Stewart		Oklahoma City	OK	73102	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 1:51 PM
314869904300118626059	2024-03-14 12:35 PM		MAP2006-OK		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-26 11:26 Af
314869904300118626042	2024-03-14 12:35 PM					TX	79601	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 11:52 Af
314869904300118626035	2024-03-14 12:35 PM		Hooker Energy, LLC		Abilene				지역하게 되었다고 어린지 얼마나 되지 않는데 하는데 하면 하는데 그리고 있다고 있다.	2024-03-18 2:51 PF
314869904300118626028	2024-03-14 12:35 PM		Eastland Oil Company		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	
314869904300118626011	2024-03-14 12:35 PM		Richard Donnelly		Santa Fe	NM	87501	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-16 5:03 PM
314869904300118626004	2024-03-14 12:35 PM		Richard Donnelly, Trustee Under the	George A. Donnelly TA FBO	Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-20 11:03 Al
314869904300118625991	2024-03-14 12:35 PM		Charles R. Wiggins		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-19 10:58 AI
114869904300118625984	2024-03-14 12:35 PM		John D. Gourley		Overland Park	KS	66207	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 6:44 Pf
114869904300118625977	2024-03-14 12:35 PM		Patricia Gourley		Overland Park	KS	66207	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 6:44 Pt
114869904300118625960			Cathy Jones		San Benito	TX	78586	Lost	Return Receipt - Electronic, Certified Mail	
14869904300118625953	2024-03-14 12:35 PM		Colleen Blackman		Las Cruces	NM	88011	Lost	Return Receipt - Electronic, Certified Mail	
314869904300118625946	2024-03-14 12:35 PM	81363.0240.24336.	Tim Cavanaugh		Albuquerque	NM	87109	Delivered	Return Receipt - Electronic, Certified Mail	HER THE AUSE AND A
14869904300118625939	2024-03-14 12:35 PM	81363.0240.24336.	Richardson Mineral & Royalty, LLC		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-19 10:56 Af
14869904300118625922	2024-03-14 12:35 PM	81363.0240.24336.	MRC Permian Company	One Lincoln Center	Dallas	TX	75240	Delivered	Return Receipt - Electronic, Certified Mail	2024-03-18 11:06 Af
14869904300118625915	2024-03-14 12:35 PM	81363.0240.24336.	OXY USA WTP, LP		Houston	TX	77046	Delivered	Return Receipt - Electronic, Certified Mail	





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PROOF OF PUBLICATION

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STATE OF WISCONSIN, COUNTY OF BROWN

The Carlsbad Current Argus, a newspaper published in the city of Carlsbad, Eddy County, State of New Mexico, and personal knowledge of the facts herein state and that the notice hereto annexed was Published in said newspapers in the issue:

03/19/2024

and that the fees charged are legal. Sworn to and subscribed before on 03/19/2024

Notary, State of WI, County of Brown

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KATHLEEN ALLEN Notary Public State of Wisconsin



CASE NO. 24336: Notice to all affected parties, as well as heirs and devisees of: OXY USA WTP, LP; MRC Permian Company; Richardson Mineral & Royalty, LLC; Tim Cavanaugh; Colleen Blackman; Cathy Jones; Patricia Gourley; John D. Gourley; Charles R. Wiggins; Richard Donnelly, Trustee Under the George A. Donnelly TA FBO David Preston, Richard Jr. and Martha Brittain Donnelly; Richard Jr. and Martha Brittain Donnelly; Richard John Donnelly; Richard Jr. and Martha Brittain Donnelly; Richard John Milliam L. Porter; Rendova Oil Co., Inc.; Melissa O'Kelley; Katherine Russell Schmidt; Deborah Russell Schmidt; Deborah Russell Neuidhr; Lana Russell; Spinnaker Oil & Gas, LP; Bantam Royalties, LLC; TLM4, Ltd; TAS Royalty Company; Serenity Resources, LLC; Williams WTX, LP; Margaret Jones Kennedy; Orla Petco Inc.; Ruth S. Bell; L.S. Henry, LLC; Zunis Energy, LLC; Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts; SSC, Inc.; Principal Properties Doug Laufer; Andrews Oil, LP (O DJA, LLC; STR Corporation; Samuel H. Jolliffe; Westall Oil & Gas, LLC; McCombs Energy Ltd.; Colgate Opportunistic Investments; LLC; Northern Oil and Gas, Inc.; United States of America Bureau of Land Management of the Application of Marathon Oil Permian LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County, New Mexico. The State of New Mexico through its Oil Onservation Division hereby gives notice that he Division will conduct a public hearing at 8:15 a.m. on April 4, 2024 to consider this application, The hearing will be conducted in a public hearing and the Energy Mexico. The State of New Mexico through its Oil Onservation Division hereby gives notice that he Division pooling all uncommitted mineral interests within a standard l.280-acre, more or least, and all of Section 31, Township 22 South, Range 28 East, and all of Section 36, Township 22 South, Range 27 East, and all of Section 36, Township 22 South, Range 28 East, and all of Section 31, Township 22 South, Range 27 East, and all of Section 31, To 102

Page 2 of 2

Com 702H, Olmec Federal Com 802H, and Olmec Federal Com 805H wells to be horizontally drilled with proposed first take points in the NW/4 SW/4 (Unit L) of Section 36 and proposed last take points in the NE/4 SE/4 (Unit I) of Section 31; the Olmec Federal Com 803H wells to be horizontally drilled with proposed first take points in the SW/4 NW/4 (Unit E) of Section 36 and proposed last take points in the SE/4 NE/4 (Unit H) of Section 31; and the Olmec Federal Com 804H, Olmec Federal Com 804H and Olmec Federal Com 804H and Olmec Federal Com 806H wells to be horizontally drilled with proposed first take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NW/4 NW/4 (Unit D) of Section 36 and proposed last take points in the NE/4 NE/4 (Unit A) of Section 31. The producing area for the wells is expected to be orthodox. The completed intervals for the Olmec Federal Com 803H are expected to be less than 330 feet from the adioining for the inclusion of the proximity tracts within the proposed spacing unit. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit will partially overlap a 160-acre horizontal well Wolfcamp spacing unit comprised of the S/2 S/2 of Section 36, Township 22 South, Range 27 East, dedicated to Matador Production Company's Scott Walker State 36 225 Z/E RB #204H well (API: 30-015-43162). Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a poperator of the wells. Said area is loca